

# Guide to Filling in SSEF/ISEF Forms

**For SSEF 2022  
(Updated December 2021)**

The tips provided in this guide aims to address common issues faced during SSEF/ISEF form-filling.

Click on the buttons/links to navigate through the guide.

*All forms can be found on the [SSEF website](#).*

*For more information on the ISEF rules, please refer to the [ISEF website](#).*

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# Select an SSEF category:

Main Category

Junior Scientist  
Category

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# Main Category

Click to view the  
form-filling timeline

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Click to select a form:

Form			Filled in by	Endorsed by	Dated before or after start of experimentation
No.	Name	Compulsory			
-	SSEF Entry Form	✓	Student(s)	Teacher mentor	-
1	Checklist for Adult Sponsor	✓	Teacher mentor	Teacher mentor	Before
1A	Student Checklist	✓	Student(s)	-	Before
1B	Approval Form	✓	Student(s)	Parent & SRC/IRB	Before
1C	Regulated Research Institutional Setting Form	If applicable	Research mentor	Research mentor	After
2	Qualified Scientist Form	If applicable	Research mentor	Research mentor	Before
3	Risk Assessment Form	✓	Student(s)	Research mentor	Before
4	Human Participants Form	If applicable	Student(s)	IRB	Before
5A	Vertebrate Animal Form	If applicable	Student(s)	SRC & research mentor	Before
5B	Vertebrate Animal Form	If applicable	Research mentor	Research mentor	Before
6A	Potentially Hazardous Biological Agents Risk Assessment Form	If applicable	Research mentor	SRC & research mentor	Before
6B	Human and Vertebrate Animal Tissue Form	If applicable	Student(s)	Research mentor	Before
7	Continuation/Research Progression Projects Form	If applicable	Student(s)	Student(s)	After

Find out which forms (1C-7) are required by using the [Rules Wizard](#).

# FORM-FILLING TIMELINE

First day of  
experimentation/  
data collection  
declared on Form 1A

PERIOD OF EXPERIMENTATION/  
DATA COLLECTION:  
**MAXIMUM 365 DAYS**

Last day of  
experimentation/  
data collection  
declared on Form 1A

Date forms on or before first  
day of experimentation/  
data collection:

- [1](#)
- [1A](#)
- [1B](#)
- [2](#)
- [3](#)
- [4](#)
- [5A](#)
- [5B](#)
- [6A](#)
- [6B](#)

Date forms on or after last  
day of experimentation/  
data collection:

- [1C](#)
- [7](#)
- [SSEF Entry Form](#)

**For all dates, use MM/DD/YY format**

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## SSEF Entry Form

Compulsory?	Filled in by	Endorsed by
✓	Student(s)	Teacher mentor

Project code format:  
XX123, e.g. CH015

Project Code:

## SINGAPORE SCIENCE & ENGINEERING FAIR 2022 (MAIN CATEGORY) ENTRY FORM

Please refer to the SSEF 2022 website (<http://www.science.edu.sg/ssef>) for details on the application process and all the submission requirements.

All project documents must be received Friday, 21 January 2022, 17:00hrs.

PROJECT INFORMATION		
Type of Participation: <b>Individual</b> <b>Team</b>	Project Category*: Click here to enter text.	Project Sub-Category*: Click here to enter text.
Title of Research Project: Click here to enter text.		

These should be the same as what was indicated during online registration.

Refer to **Annex A** of the form for the list of categories and sub-categories.

\* Please refer to Annex A for the list of categories and sub-categories. Selecting the appropriate category and sub-category is important to ensure that the assigned judges are familiar with your research topic.

Individual projects

Team projects

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## SSEF Entry Form (continued)

Individual projects only need to fill in this section.

### DECLARATION BY PARTICIPANT(S)<sup>s</sup>

I / We hereby certify that all the information provided to SSEF organisers is correct. I / We did not plagiarise material, forge or fabricate data, use or present other researcher's work as our own in my / our research project. I / We consent to the use of the information / project I / we submit to the organisers for publicity purpose. I / We understand that all the materials I / we submit will not be returned to me / us.

#### Individual / Team Leader (i.e. team member 1)

Full name: Click here to enter text.		School Level (e.g. Sec 3, IP4) Click here to enter text.
Signature:	School: Click here to enter text.	Date: (MM/DD/YY) Click here to enter text.

#### For Team Projects:

##### Team Member 2

Full name: Click here to enter text.		School Level (e.g. Sec 3, IP4) Click here to enter text.
Signature:	School: Click here to enter text.	Date: (MM/DD/YY) Click here to enter text.

##### Team Member 3

Full name: Click here to enter text.		School Level (e.g. Sec 3, IP4) Click here to enter text.
Signature:	School: Click here to enter text.	Date: (MM/DD/YY) Click here to enter text.

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## SSEF Entry Form (continued)

For **individual** projects, only this section needs to be filled.

SCHOOL'S ENDORSEMENT		
For individual project / team projects with members from the <u>same</u> school		
Teacher-in-charge's full name: <a href="#">Click here to enter text.</a>	Teacher-in-charge's email address: <a href="#">Click here to enter text.</a>	
Teacher-in-charge's signature:		Date: (MM/DD/YY) <a href="#">Click here to enter text.</a>

SCHOOL'S ENDORSEMENT		
For team projects with members from <u>different</u> schools		
For team member 1		
Teacher-in-charge's full name: <a href="#">Click here to enter text.</a>	Teacher-in-charge's email address: <a href="#">Click here to enter text.</a>	
Teacher-in-charge's signature:		Date: (MM/DD/YY) <a href="#">Click here to enter text.</a>
For team member 2		

## SSEF Entry Form (continued)

Parental/guardian consent is required for official SSEF/ ISEF media releases.

### SSEF MAIN CATEGORY 2022

#### PARENT/GUARDIAN CONSENT FORM (INDIVIDUAL/TEAM MEMBER 1) FOR SSEF 2022

In participating in SSEF 2022, the following may be shared on MOE and SSEF's social media platforms (Website, Facebook and Instagram pages) which are accessible to the general public:

1. Images and videos of my child/ward\* participating in SSEF 2022 and ISEF 2022, if applicable;
2. Materials my child/ward\* used during participation in SSEF 2022 and ISEF 2022, if applicable;
3. My child/ward\*'s learning experience at SSEF 2022 and ISEF 2022, if applicable.

If you agree to your child / ward participating in the SSEF 2022, please fill in the blanks and sign below.

I, [Click here to enter text.](#) (name of parent / guardian), acknowledge that I have read and understood the information above.

I hereby give permission for any image or video of my child / ward, [Click here to enter text.](#) (name of child / ward) captured during SSEF 2022 and ISEF 2022, if applicable, to be used for the following listed activities above.

I declare that I have the authority to sign this release and that I have read and understood this agreement prior to signing it.

PARENT'S/GUARDIAN'S SIGNATURE:

Date:

[Click here to enter text.](#)



## SSEF Entry Form (continued)

For **team** projects, this section should be filled in by the team leader, who would be the main point of contact for SSEF.

**Team** projects need to fill in this section. 'Team Member 3' can be left blank if there are only two members in the team.

DECLARATION BY PARTICIPANT(S) <sup>§</sup>		
I / We hereby certify that all the information provided to SSEF organisers is correct. I / We did not plagiarise material, forge or fabricate data, use or present other researcher's work as our own in my / our research project. I / We consent to the use of the information / project I / we submit to the organisers for publicity purpose. I / We understand that all the materials I / we submit will not be returned to me / us.		
<b>Individual / Team Leader (i.e. team member 1)</b>		
Full name: Click here to enter text.		School Level (e.g. Sec 3, IP4) Click here to enter text.
Signature:	School: Click here to enter text.	Date: (MM/DD/YY) Click here to enter text.
<b>For Team Projects:</b>		
<b>Team Member 2</b>		
Full name: Click here to enter text.		School Level (e.g. Sec 3, IP4) Click here to enter text.
Signature:	School: Click here to enter text.	Date: (MM/DD/YY) Click here to enter text.
<b>Team Member 3</b>		
Full name: Click here to enter text.		School Level (e.g. Sec 3, IP4) Click here to enter text.
Signature:	School: Click here to enter text.	Date: (MM/DD/YY) Click here to enter text.

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## SSEF Entry Form (continued)

For **team** projects with members from the **same school**, only this section needs to be filled.

For **team** projects with members from **different schools**, only this section needs to be filled. The teacher-in-charge from each school needs to sign on the same form.

SCHOOL'S ENDORSEMENT	
For team projects with members from <u>different</u> schools	
<b>For team member 1</b>	
Teacher-in-charge's full name: Click here to enter text.	Teacher-in-charge's email address: Click here to enter text.
Teacher-in-charge's signature:	Date: (MM/DD/YY) Click here to enter text.
<b>For team member 2</b>	
Teacher-in-charge's full name: Click here to enter text.	Teacher-in-charge's email address: Click here to enter text.
Teacher-in-charge's signature:	Date: (MM/DD/YY) Click here to enter text.
<b>For team member 3</b>	
Teacher-in-charge's full name: Click here to enter text.	Teacher-in-charge's email address: Click here to enter text.
Teacher-in-charge's signature:	Date: (MM/DD/YY) Click here to enter text.

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## SSEF Entry Form (continued)

Parental/guardian consent is required for official SSEF/ ISEF media releases.

For **team** projects, each member needs to submit his/her own consent form.

### SSEF MAIN CATEGORY 2022

#### PARENT/GUARDIAN CONSENT FORM (TEAM MEMBER 2) FOR SSEF 2022

In participating in SSEF 2022, the following may be shared on MOE and SSEF's social media platforms (Website, Facebook and Instagram pages) which are accessible to the general public:

1. Images and videos of my child/ward\* participating in SSEF 2022 and ISEF 2022, if applicable;
2. Materials my child/ward\* used during participation in SSEF 2022 and ISEF 2022, if applicable;
3. My child/ward\*'s learning experience at SSEF 2022 and ISEF 2022, if applicable.

If you agree to your child / ward participating in the SSEF 2022, please fill in the blanks and sign below.

I, [Click here to enter text.](#) (name of parent / guardian), acknowledge that I have read and understood the information above.

I hereby give permission for any image or video of my child / ward, [Click here to enter text.](#) (name of child / ward) captured during SSEF 2022 and ISEF 2022, if applicable, to be used for the following listed activities above.

I declare that I have the authority to sign this release and that I have read and understood this agreement prior to signing it.

PARENT'S/GUARDIAN'S SIGNATURE:

Date:

[Click here to enter text.](#)

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## Form 1: Checklist for Adult Sponsor

Compulsory?	Filled in by	Endorsed by	To be dated before or after start of experimentation?
✓	Teacher mentor	Teacher mentor	Before

If project team members are from different schools, this form should be completed by the team leader’s teacher mentor.

\*Compulsory items

### Checklist for Adult Sponsor (1)

This completed form is required for ALL projects.

**To be completed by the Adult Sponsor in collaboration with the student researcher(s):**

\*Student’s Name(s): \_\_\_\_\_

\*Project Title: \_\_\_\_\_

\*1.  I have reviewed the ISEF Rules and Guidelines, including the science fair ethics statement.

\*2.  I have reviewed the student’s completed Student Checklist (1A) and Research Plan/Project Summary.

\*3.  I have worked with the student and we have discussed the possible risks involved in the project.

4.  The project involves one or more of the following and requires prior approval by an SRC, IRB, IACUC or IBC:

<input type="checkbox"/> Humans	<input type="checkbox"/> Potentially Hazardous Biological Agents
<input type="checkbox"/> Vertebrate Animals	<input type="checkbox"/> Microorganisms <input type="checkbox"/> rDNA <input type="checkbox"/> Tissues

\*5.  Items to be completed for **ALL PROJECTS**

<input type="checkbox"/> Adult Sponsor Checklist (1)	<input type="checkbox"/> Research Plan/Project Summary
<input type="checkbox"/> Student Checklist (1A)	<input type="checkbox"/> Approval Form (1B)
<input type="checkbox"/> Regulated Research Institutional/Industrial Setting Form (1C) (when applicable; after completed experiment)	
<input type="checkbox"/> Continuation/Research Progression Form (7) (when applicable)	

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## Form 1: Checklist for Adult Sponsor (continued)

Teacher mentor to check that all relevant forms have been prepared by students.  
Find out which forms (1C-7) are required by using the [Rules Wizard](#).

**Additional forms required if the project includes the use of one or more of the following (check all that apply):**

- Humans**, including student designed inventions/prototypes. (Requires prior approval by an Institutional Review Board (IRB); see full text of the rules.)
  - Human Participants Form (4) or appropriate Institutional IRB documentation
  - Sample of Informed Consent Form (when applicable and/or required by the IRB)
  - Qualified Scientist Form (2) (when applicable and/or required by the IRB)
  
- Vertebrate Animals** (Requires prior approval, see full text of the rules.)
  - Vertebrate Animal Form (5A) -for projects conducted in a school/home/field research site (SRC prior approval required.)
  - Vertebrate Animal Form (5B) -for projects conducted at a Regulated Research Institution. (Institutional Animal Care and Use Committee (IACUC) approval required prior experimentation.)
  - Qualified Scientist Form (2) (Required for all vertebrate animal projects at a regulated research site or when applicable)
  
- Potentially Hazardous Biological Agents** (Requires prior approval by SRC, IACUC or IBC, see full text of the rules.)
  - Potentially Hazardous Biological Agents Risk Assessment Form (6A)
  - Human and Vertebrate Animal Tissue Form (6B) -to be completed in addition to Form 6A when project involves the use of fresh or frozen tissue, primary cell cultures, blood, blood products and body fluids.
  - Qualified Scientist Form (2) (when applicable)
  - The following are exempt from prior review but require a Risk Assessment Form 3: projects involving protists, archae and similar microorganisms, for projects using manure for composting, fuel production or other non-culturing experiments, projects using color change coliform water test kits, microbial fuel cells, and projects involving decomposing vertebrate organisms.
  
- Hazardous Chemicals, Activities and Devices** (No SRC prior approval required, see full text of the rules.)
  - Risk Assessment Form (3)
  - Qualified Scientist Form (2) (required for projects involving DEA-controlled substances or when applicable)
  
- Other**
  - Risk Assessment Form (3)

## Form 1: Checklist for Adult Sponsor (continued)

\*Compulsory items

\*  I attest to the information checked above and that I have read and agree to abide by the science fair ethics statement.

\* \_\_\_\_\_  
\*Adult Sponsor's Printed Name

\* \_\_\_\_\_  
\*Signature

\* \_\_\_\_\_  
\*Date of Review (mm/dd/yy)

\* \_\_\_\_\_  
\*Phone

\* \_\_\_\_\_  
\*Email

'Date of Review' must be **on/before** the 'Actual Start Date' indicated on [Form 1A](#). Refer to the [form-filling timeline](#) for more information.

Use date format **MM/DD/YY** (e.g. 01/31/21)

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## Form 1A: Student Checklist

Compulsory?	Filled in by	Endorsed by	To be dated before or after start of experimentation?
✓	Student(s)	-	Before

*All items are compulsory*

For team projects with members from different schools, these should be based on the school that the **team leader** is from and who his or her teacher mentor is.

**Student Checklist (1A)**  
This form is required for ALL projects.

1. a. Student/Team Leader: \_\_\_\_\_ Grade: \_\_\_\_\_  
Email: \_\_\_\_\_ Phone: \_\_\_\_\_  
b. Team Member: \_\_\_\_\_ c. Team Member: \_\_\_\_\_

2. Title of Project: \_\_\_\_\_

3. School: \_\_\_\_\_ School Phone: \_\_\_\_\_  
School Address: \_\_\_\_\_  
\_\_\_\_\_

4. Adult Sponsor: \_\_\_\_\_ Phone/Email: \_\_\_\_\_

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## Form 1A: Student Checklist (continued)

5. Does this project need SRC/IRB/IACUC or other pre-approval?  Yes  No Tentative start date: \_\_\_\_\_

'Yes' for projects that involve:

- **humans** (inclusive of the research participants involved in surveys or interviews),
- **vertebrates**, or
- **PHBAs**

Take note that additional forms are required for such projects.

6. Is this a continuation/progression from a previous year?  Yes  No

If Yes:

- a. Attach the previous year's  Abstract **and**  Research Plan/Project Summary
- b. Explain how this project is new and different from previous years on  Continuation/Research Progression Form (7)

'Yes' for projects that are a **continuation** from a previous year's project.

Take note that [Form 7](#) is required for such projects.



## Form 1A: Student Checklist (continued)

7. This year's experimentation/data collection:

\_\_\_\_\_

Actual Start Date: (mm/dd/yy)                      End Date: (mm/dd/yy)

8. Where will you conduct your experimentation? (check all that apply)

Research Institution    School    Field    Home    Other: \_\_\_\_\_



- Indication of project start and end dates – required for **ALL** projects (including computing-based projects, even if there is no experimentation involved)
- Project must be conducted between 1 Jan 2021 – 13 Jan 2022 but total duration of research done must not exceed 12 months

Actual Start Date	Actual End Date	Eligible?
1 Jan 2021	13 Jan 2022	No
1 Jan 2021	31 Dec 2021	Yes
13 Jan 2021	13 Jan 2022	No
14 Jan 2021	13 Jan 2022	Yes

- 'Actual Start Date' must be **on/after** 'Date of Review' indicated on [Form 1](#). Refer to the [form-filling timeline](#) for more information.
- Use date format **MM/DD/YY** (e.g. 01/31/21)

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## Form 1A: Student Checklist (continued)

'Other' for projects that used publicly available data

9. Source of Data:

Collected self/mentor     Other Describe/url: \_\_\_\_\_

Only for projects that are **not** conducted in research institutions

10. List name and address of all non-home and non-school work site(s):

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Phone/  
email \_\_\_\_\_

Attach your research plan to form 1A

11. Complete a Research Plan/Project Summary following the Research Plan/Project Summary instructions and attach to this form.

12. An abstract is required for all projects after experimentation.

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## Form 1B: Approval Form

Compulsory?	Filled in by	Endorsed by	To be dated before or after start of experimentation?
✓	Student(s)	Parent and SRC/IRB	Before

One form is required per student, e.g. a team comprising three students should have three copies of Form 1B.

### Approval Form (1B)

A completed form is required for each student, including all team members.

#### 1. To Be Completed by Student and Parent

##### a. Student Acknowledgment:

- I understand the risks and possible dangers to me of the proposed research plan.
- I have read the ISEF Rules and Guidelines and will adhere to all International Rules when conducting this research.
- I have read and will abide by the science fair ethics statement.

Student researchers are expected to maintain the highest standards of honesty and integrity. Scientific fraud and misconduct are not condoned at any level of research or competition. Such practices include but are not limited to plagiarism, forgery, use or presentation of other researcher's work as one's own, and fabrication of data. Fraudulent projects will fail to qualify for competition in affiliated fairs and ISEF.

_____ Student's Printed Name	_____ Signature	_____ Date Acknowledged (mm/dd/yy) (Must be prior to experimentation.)
<b>b. Parent/Guardian Approval:</b> I have read and understand the risks and possible dangers involved in the <b>Research Plan/Project Summary</b> . I consent to my child participating in this research.		
_____ Parent/Guardian's Printed Name	_____ Signature	_____ Date Acknowledged (mm/dd/yy) (Must be prior to experimentation.)

Item 1 is compulsory

'Date Acknowledged' must be **on/before** the 'Actual Start Date' indicated on **Form 1A**. Refer to the **form-filling timeline** for more information.

Use date format **MM/DD/YY** (e.g. 01/31/21)



## Form 1B: Approval Form (continued)

### 2. To be completed by the local or affiliated Fair SRC

(Required for projects requiring prior SRC/IRB APPROVAL. Sign 2a or 2b as appropriate.)

a. Required for projects that need prior SRC/IRB approval **BEFORE** experimentation (humans, vertebrates or potentially hazardous biological agents).

The SRC/IRB has carefully studied this project's **Research Plan/Project Summary** and all the required forms are included. My signature indicates approval of the **Research Plan/Project Summary** before the student begins experimentation.

\_\_\_\_\_  
SRC/IRB Chair's Printed Name

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date of Approval (mm/dd/yy)  
(Must be prior to experimentation.)

OR

b. Required for research conducted at all Regulated Research Institutions with no prior fair SRC/IRB approval.

This project was conducted at a regulated research institution (**not home or high school, etc.**), was reviewed and approved by the proper institutional board before experimentation and complies with the ISEF Rules. **Attach (1C) and any required institutional approvals (e.g. IACUC, IRB).**

\_\_\_\_\_  
SRC Chair's Printed Name

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date of Signature (mm/dd/yy)  
(May be after experimentation)

- Projects conducted **outside of research institutions** and involve humans, vertebrates, or PHBAs need to complete item 2a. Please contact the SSEF organising committee for assistance if your school does not have its own SRC/IRB.
- 'Date of Approval' must be **on/before** the 'Actual Start Date' indicated on [Form 1A](#). Refer to the [form-filling timeline](#) for more information.
- Use date format **MM/DD/YY** (e.g. 01/31/21)

Projects conducted **in research institutions** which involve humans, vertebrates, or PHBAs can leave item 2 blank. This will be filled up by the SSEF SRC upon receipt of forms.

## Form 1B: Approval Form (continued)

Leave item 3 blank. This will be filled up by the SSEF SRC upon receipt of forms.

### 3. Final ISEF Affiliated Fair SRC Approval (Required for ALL Projects)

#### SRC Approval After Experimentation and Before Competition at Regional/State/National Fair

I certify that this project adheres to the approved **Research Plan/Project Summary** and complies with all ISEF Rules.

\_\_\_\_\_  
Regional SRC Chair's Printed Name

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date of Approval (mm/dd/yy)

\_\_\_\_\_  
State/National SRC Chair's Printed Name  
(where applicable)

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date of Approval (mm/dd/yy)

## Form 1C: Regulated Research Institutional Setting Form

Compulsory?	Filled in by	Endorsed by	To be dated before or after start of experimentation?
For projects involving <b>*external mentors from research institutions</b>	Research mentor	Research mentor	After

**\*External mentors** refer to research mentors from research institutions/institutes of higher learning. Even if students do not conduct any data collection physically at these external venues, form 1C will still be required as long as an external mentor is involved in the project consultation (virtually or on site).

## Form 1C: Regulated Research Institutional Setting Form

Compulsory?	Filled in by	Endorsed by	To be dated before or after start of experimentation?
For projects involving <b>external mentors from research institutions</b>	Research mentor	Research mentor	After

\*Compulsory items

### Regulated Research Institutional/Industrial Setting Form (1C)

This form must be completed **AFTER** experimentation by the adult supervising the student research either virtually or on site, conducted in a regulated research institution, industrial setting or any work site other than home, school or field.

\* Student's Name(s) \_\_\_\_\_

\* Title of Project \_\_\_\_\_

**To be completed by the Supervising Adult in the Setting (NOT the Student(s)) after experimentation:**  
(Responses must be on the form as it is required to be displayed at student's project booth; please do not print double-sided.)

\* Research was supported at my work site:

1. Did you or your proxy (e.g. graduate student, postdoc, employee) mentor or provide substantial guidance to the student researcher?  Yes  No
  - a. If no, describe your and/or your institution's role with the student researcher and his/her project (e.g. supervised use of equipment on site without ongoing mentorship and sign below.

b. If yes, complete questions 2-5.



## Form 1C: Regulated Research Institutional Setting Form (continued)

Items 2 to 5 need to be completed only if 'Yes' was selected in item 1.

2. Is the student's research project a subset of your ongoing research or work?  Yes  No  
Use questions 3, 4 and 5 to detail how the student's project was similar and/or different from ongoing research or work at your site. If this project is under a grant and needs to be acknowledged, please list the grant statement here.

3. Describe the independence and creativity with which the student:  
a. developed the hypotheses or engineering goals for the research project

- b. designed the methodology for his/her research project

- c. analyzed and interpreted data

4. Detail the student's role in conducting the research (e.g. data collection, specific procedures performed). Differentiate what the student observed and what the student actually did.

5. Did the student(s) work on the project as part of a group?  Yes  No  
If yes, how many individuals were in the group and who were they (e.g. high school students, graduate students, faculty, professional researchers)?



## Form 1C: Regulated Research Institutional Setting Form (continued)

\*Compulsory items

I attest that the student has conducted the work as indicated above and that any required review and approval by institutional regulatory board (IRB/IACUC/IBC) has been obtained. Copies are attached if applicable. I further acknowledge that the student will be presenting this work publicly in competition and I have communicated with the student research regarding any requirements for my review and/or restrictions of what is publicized.

* _____ Supervising Adult's Printed Name	* _____ Signature	* _____ Title
* _____ Institution		* _____ Date Signed (must be after experimentation) (mm/dd/yy)
* _____ Address		* _____ Email/Phone

- 'Date Signed' must be **on/after** the 'Actual End Date' indicated on [Form 1A](#). Refer to the [form-filling timeline](#) for more information.
- Use date format **MM/DD/YY** (e.g. 01/31/21)

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## Form 2: Qualified Scientist Form

Compulsory?	Filled in by	Endorsed by	To be dated before or after start of experimentation?
For projects involving <b>human participants, vertebrate animals, PHBAs, and DEA-controlled substances.</b>	Research mentor	Research mentor	Before

*All items are compulsory*

**Qualified Scientist Form (2)**  
May be required for research involving human participants, vertebrate animals, potentially hazardous biological agents, and hazardous substances and devices. Must be completed and signed before the start of student experimentation.

Student's Name(s) \_\_\_\_\_

Title of Project \_\_\_\_\_

**To be completed by the Qualified Scientist:**

Scientist Name: \_\_\_\_\_

Educational Background: \_\_\_\_\_ Degree(s): \_\_\_\_\_

Experience/Training as relates to the student's area of research

Position: \_\_\_\_\_

Institution: \_\_\_\_\_

Address: \_\_\_\_\_

Email/Phone: \_\_\_\_\_

To be filled in by the research mentor

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## Form 2: Qualified Scientist Form (continued)

*All items are compulsory*

1. Have you reviewed the ISEF rules relevant to this project and the science fair ethics statement relevant to this project?  Yes  No
  
2. Will any of the following be used?
  - a. Human participants  Yes  No
  - b. Vertebrate animals  Yes  No
  - c. Potentially hazardous biological agents (microorganisms, rDNA and tissues, including blood and blood products)  Yes  No
  - d. Hazardous substances and devices  Yes  No
  
3. Will this study be a sub-set of a larger study?  Yes  No
  
4. Will you directly supervise the student?  Yes  No
  - a. If no, who will directly supervise and serve as the Designated Supervisor?
  - b. Experience/Training of the Designated Supervisor: \_\_\_\_\_

## Form 2: Qualified Scientist Form (continued)

### To be completed by the Qualified Scientist:

I certify that I have reviewed and approved the Research Plan/Project Summary prior to the start of the experimentation. If the student or Designated Supervisor is not trained in the necessary procedures, I will ensure her/his training. I will provide advice and supervision during the research. I have a working knowledge of the techniques to be used by the student in the Research Plan/Project Summary. I understand that a Designated Supervisor is required when the student is not conducting experimentation under my direct supervision.

\_\_\_\_\_  
Qualified Scientist's Printed Name

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date of Approval (mm/dd/yy)

### To be completed by the Designated Supervisor when the Qualified Scientist cannot directly supervise.

I certify that I have reviewed the Research Plan/Project Summary and have been trained in the techniques to be used by this student, and I will provide direct supervision.

\_\_\_\_\_  
Designated Supervisor's Printed Name

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date of Approval (mm/dd/yy)

\_\_\_\_\_  
Phone

\_\_\_\_\_  
Email

- To be filled in by the research mentor
- 'Date of Approval' must be **on/before** the 'Actual Start Date' indicated on [Form 1A](#). Refer to the [form-filling timeline](#) for more information.
- Use date format **MM/DD/YY** (e.g. 01/31/21)

- If the research mentor is unable to directly supervise the research process, a designated supervisor can be appointed to oversee the student(s). The designated supervisor would need to complete this section.
- 'Date of Approval' must be **on/before** the 'Actual Start Date' indicated on [Form 1A](#). Refer to the [form-filling timeline](#) for more information.
- Use date format **MM/DD/YY** (e.g. 01/31/21)

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## Form 3: Risk Assessment Form

Compulsory?	Filled in by	Endorsed by	To be dated before or after start of experimentation?
✓	Student(s)	Research mentor	Before

*All items are compulsory*

**Risk Assessment Form (3)**  
Must be completed before experimentation.

Student's Name(s) \_\_\_\_\_

Title of Project \_\_\_\_\_

\_\_\_\_\_

**To be completed by the Student Researcher(s) in collaboration with Designated Supervisor/Qualified Scientist:** (All questions must be answered; additional page(s) may be attached.)

- List all hazardous chemicals, activities, or devices that will be used; identify microorganisms exempt from pre-approval (see Potentially Hazardous Biological Agent rules).
- Identify and assess the risks and hazards involved in this project.
- Describe the safety precautions and procedures that will be used to reduce the risks.
- Describe the disposal procedures that will be used (when applicable).
- List the source(s) of safety information.

All projects are required to assess risk of COVID-19 transmission and describe the mitigating measures.



## Form 3: Risk Assessment Form (continued)

*All items are compulsory*

**To be completed and signed by the Designated Supervisor (or Qualified Scientist, when applicable):**  
I agree with the risk assessment and safety precautions and procedures described above. I certify that I have reviewed the Research Plan/Project Summary and the International Rules, including the science fair ethics statement and will provide direct supervision.

_____	_____	_____
Designated Supervisor's Printed Name	Signature	Date of Review (mm/dd/yy)
_____	_____	_____
Position & Institution	Phone or email contact information	
_____		
Experience/Training as relates to the student's area of research		

- 'Date of Review' must be **on/before** the 'Actual Start Date' indicated on [Form 1A](#). Refer to the [form-filling timeline](#) for more information.
- Use date format **MM/DD/YY** (e.g. 01/31/21)

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## Form 4: Human Participants Form

Compulsory?	Filled in by	Endorsed by	To be dated before or after start of experimentation?
For projects conducted <b>outside of research institutions</b> involving <b>human participants*</b>	Student(s)	IRB	Before

\*This includes research participants involved in surveys or interviews.

Projects conducted **at research institutions** that involve human participants would still require IRB approval.

*All items are compulsory*

To be filled in by student(s) together with teacher/research mentor

### Human Participants Form (4)

Required for all research involving human participants not at a Regulated Research Institution. If at a Regulated Research Institution, use institutional approval forms for documentation of prior review and approval. (IRB approval required before recruitment or data collection.)

---

Student's Name(s)

Title of Project

---

Adult Sponsor

Phone/Email

**MUST BE COMPLETED BY STUDENT RESEARCHER(S) IN COLLABORATION WITH THE ADULT SPONSOR/DESIGNATED SUPERVISOR/QUALIFIED SCIENTIST:**

1.  I have submitted my Research Plan/Project Summary which addresses ALL areas indicated in the Human Participants Section of the Research Plan/Project Summary Instructions.
2.  I have attached any surveys or questionnaires I will be using in my project or other documents provided to human participants.
  - Any published instrument(s) used was /were legally obtained.
3.  I have attached an informed consent that I would use if required by the IRB.
4.  ....Yes  ...No Are you working with a Qualified Scientist? If yes, attach the Qualified Scientist Form 2.

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## Form 4: Human Participants Form (continued)

The following section is to be filled in by an IRB, including one medical/mental health professional, one educator and one school administrator. Please contact the SSEF organising committee for assistance if your school does not have its own IRB.

### BELOW - IRB USE ONLY

**MUST BE COMPLETED BY INSTITUTIONAL REVIEW BOARD (IRB) AFTER REVIEW OF THE RESEARCH PLAN. ALL QUESTIONS MUST BE ANSWERED FOR THE APPROVAL TO BE VALID. (IF NOT APPROVED, RETURN PAPERWORK TO THE STUDENT WITH INSTRUCTIONS FOR MODIFICATIONS.)**

- Approved with Full Committee Review (3 signatures required) and the following conditions: **(All 6 must be answered)**
  1. Risk Level (check one):  Minimal Risk  More than Minimal Risk
  2. Qualified Scientist (QS) Required (Form 2):  Yes  No
  3. Designated Supervisor (DS) Required (Form 3):  Yes  No
  4. Written Minor Assent required for minor participants:
    - Yes  No  Not applicable (No minors in this study)
  5. Written Parental Permission required for minor participants:
    - Yes  No  Not applicable (No minors in this study)
  6. Written Informed Consent required for participants 18 years or older:
    - Yes  No  Not applicable (No participants 18 yrs or older in this study)

**IRB SIGNATURES (All 3 signatures required)** None of these individuals may be the adult sponsor, designated supervisor, qualified scientist or related to (e.g., mother, father of) the student (conflict of interest).

I attest that I have reviewed the student's project, that the checkboxes above have been completed to indicate the IRB determination and that I agree with the decisions above.

Medical or Mental Health Professional (a psychologist, medical doctor, licensed social worker, licensed clinical professional counselor, physician's assistant, doctor of pharmacy, or registered nurse) with expertise related to this project

Printed Name

Signature

**Educator**

Printed Name

Degree/Professional License

Signature

Date of Approval (Must be prior to experimentation.) (mm/dd/yy)

**School Administrator**

Printed Name

Degree/Professional License

Signature

Date of Approval (Must be prior to experimentation.) (mm/dd/yy)

*All items are compulsory*

- 'Date of Approval' must be on/before the 'Actual Start Date' indicated on [Form 1A](#). Refer to the [form-filling timeline](#) for more information.
- Use date format **MM/DD/YY** (e.g. 01/31/21)

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## Form 4: Human Participants Form – Human Informed Consent Form

The Human Informed Consent Form is used to provide information to the research participant regarding the project and to document consent or parental permission. Research participants involved in surveys or interviews are also required to complete this form.

### Human Informed Consent Form

**Instructions to the Student Researcher(s):** An informed consent/assent/permission form should be developed in consultation with the Adult Sponsor, Designated Supervisor or Qualified Scientist. This form is used to provide information to the research participant (or parent/guardian) and to document written informed consent, minor assent, and/or parental permission.

- When written documentation is required, the researcher keeps the original, signed form.
- Students may use this sample form or may copy ALL elements of it into a new document.

If the form is serving to document parental permission, a copy of any survey or questionnaire must be attached.

Student Researcher(s): \_\_\_\_\_  
Title of Project: \_\_\_\_\_

I am asking for your voluntary participation in my science fair project. Please read the following information about the project. If you would like to participate, please sign in the appropriate area below.

Purpose of the project:

If you participate, you will be asked to:

Time required for participation:

Potential Risks of Study:

Benefits:

How confidentiality will be maintained:

If you have any questions about this study, feel free to contact:

Adult Sponsor/QS/DS: \_\_\_\_\_ Phone/email: \_\_\_\_\_

*All items are compulsory*

This section is to be filled in by student(s) together with teacher/research mentor.

After filling in this section, the consent form can be photocopied for all research participants to complete.

## Form 4: Human Participants Form – Human Informed Consent Form (continued)

This section of the consent form is to be completed by research participants (including those involved in surveys or interviews).

All completed consent forms should be kept by students for documentation purposes.

### Voluntary Participation:

Participation in this study is completely voluntary. If you decide not to participate there will not be negative consequences. Please be aware that if you decide to participate, you may stop participating at any time and you may decide not to answer any specific question.

By signing this form I am attesting that I have read and understand the information above and I freely give my consent/ assent to participate or permission for my child to participate.

**Adult Informed Consent or Minor Assent**  
(mm/dd/yy)

Date Reviewed & Signed: \_\_\_\_\_

\_\_\_\_\_  
Research Participant Printed Name:

\_\_\_\_\_  
Signature:

**Parental/Guardian Permission** (if applicable)

Date Reviewed & Signed: \_\_\_\_\_  
(mm/dd/yy)

\_\_\_\_\_  
Parent/Guardian Printed Name:

\_\_\_\_\_  
Signature:

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## Form 5A: Vertebrate Animal Form

Compulsory?	Filled in by	Endorsed by	To be dated before or after start of experimentation?
For projects conducted <b>outside of research institutions</b> involving <b>vertebrate animals</b>	Student(s)	SRC and research mentor	Before

Note: For projects conducted at research institutions that involve vertebrate animals, refer to [Form 5B](#).

*All items are compulsory*

**Vertebrate Animal Form (5A)**  
Required for all research involving vertebrate animals that is conducted in a school/home/field research site.  
(SRC approval required before experimentation.)

Student's Name(s) \_\_\_\_\_

Title of Project \_\_\_\_\_

**To be completed by Student Researcher:**

1. Common name (or Genus, species) and number of animals used.
2. Describe completely the housing and husbandry to be provided. Include the cage/pen size, number of animals per cage, environment, bedding, type of food, frequency of food and water, how often animal is observed, etc. Add an additional page as necessary.
3. What will happen to the animals after experimentation?
4. Attach a copy of wildlife licenses or approval forms, as applicable
5. The ISEF Vertebrate Animal Rules require that any death, illness or unexpected weight loss be investigated and documented by a letter from the qualified scientist, designated supervisor or a veterinarian. If applicable, attach this letter with this form when submitting your paperwork to the SRC prior to competition.

To be filled in by student(s)

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## Form 5A: Vertebrate Animal Form (continued)

This section is to be filled in an SRC to determine if a designated supervisor and/or certification by a veterinarian would be required. Please contact the SSEF organising committee for assistance if your school does not have its own SRC.

**To be completed by Local or Affiliate Fair Scientific Review Committee (SRC) BEFORE experimentation.**

**Level of Supervision Required for agricultural, behavioral or nutritional studies (select one):**

- Designated Supervisor REQUIRED. Please have applicable person sign below.
- Veterinarian and Designated Supervisor REQUIRED. Please have applicable persons sign below.
- Veterinarian, Designated Supervisor and Qualified Scientist REQUIRED. Please have applicable persons sign below and have the Qualified Scientist complete Form (2).

The SRC has carefully reviewed this study and finds it is an appropriate study that may be conducted in a non-regulated research site.

**Local or Affiliate Fair SRC Pre-Approval Signature:**

<hr/>	<hr/>	<hr/>
SRC Chair Printed Name	Signature	Date of Approval (must be prior to experimentation) (mm/dd/yy)

  

<p><b>To be completed by Veterinarian:</b></p> <ul style="list-style-type: none"><li><input type="checkbox"/> I have reviewed this research and animal husbandry with the student before the start of experimentation.</li><li><input type="checkbox"/> I have approved the use and dosages of prescription drugs and/or nutritional supplements.</li><li><input type="checkbox"/> I will provide veterinary medical and nursing care in case of illness or emergency. (Fees may apply.)</li></ul> <table border="1" style="width: 100%;"><tr><td style="width: 50%;"><hr/></td><td style="width: 50%;"><hr/></td></tr><tr><td>Printed Name</td><td>Email/Phone</td></tr><tr><td><hr/></td><td><hr/></td></tr><tr><td>Signature</td><td>Date of Approval (mm/dd/yy)</td></tr></table>	<hr/>	<hr/>	Printed Name	Email/Phone	<hr/>	<hr/>	Signature	Date of Approval (mm/dd/yy)	<p><b>To be completed by Designated Supervisor or Qualified Scientist when applicable:</b></p> <ul style="list-style-type: none"><li><input type="checkbox"/> I have reviewed this research and animal husbandry with the student before the start of experimentation and I accept primary responsibility for the care and handling of the animals in this project.</li><li><input type="checkbox"/> I will directly supervise the experiment.</li></ul> <table border="1" style="width: 100%;"><tr><td style="width: 50%;"><hr/></td><td style="width: 50%;"><hr/></td></tr><tr><td>Printed Name</td><td>Email/Phone</td></tr><tr><td><hr/></td><td><hr/></td></tr><tr><td>Signature</td><td>Date of Approval (mm/dd/yy)</td></tr></table>	<hr/>	<hr/>	Printed Name	Email/Phone	<hr/>	<hr/>	Signature	Date of Approval (mm/dd/yy)
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## Form 5A: Vertebrate Animal Form (continued)

- Certification by a veterinarian is required if the project involves any of the following:
- animal husbandry
  - supplemental nutrition, administration of prescription drugs and/or activities that would not be ordinarily encountered in the animal's daily life
  - 'Date of Approval' must be **on/before** the 'Actual Start Date' indicated on [Form 1A](#). Refer to the [form-filling timeline](#) for more information.
  - Use date format **MM/DD/YY** (e.g. 01/31/21)

To be completed by Local or Affiliate Fair Scientific Review Committee (SRC) BEFORE experimentation.

Level of Supervision Required for agricultural, behavioral or nutritional studies (select one):

- Designated Supervisor REQUIRED. Please have applicable person sign below.
- Veterinarian and Designated Supervisor REQUIRED. Please have applicable persons sign below.
- Veterinarian, Designated Supervisor and Qualified Scientist REQUIRED. Please have applicable persons sign below and have the Qualified Scientist complete Form (2).

The SRC has carefully reviewed this study and finds it is an appropriate study that may be conducted in a non-regulated research site.

Local or Affiliate Fair SRC Pre-Approval Signature:

_____	_____	_____
SRC Chair Printed Name	Signature	Date of Approval (must be prior to experimentation) (mm/dd/yy)

  

<p><b>To be completed by Veterinarian:</b></p> <ul style="list-style-type: none"><li><input type="checkbox"/> I have reviewed this research and animal husbandry with the student before the start of experimentation.</li><li><input type="checkbox"/> I have approved the use and dosages of prescription drugs and/or nutritional supplements.</li><li><input type="checkbox"/> I will provide veterinary medical and nursing care in case of illness or emergency. (Fees may apply.)</li></ul> <p>Printed Name _____ Email/Phone _____</p> <p>Signature _____ Date of Approval (mm/dd/yy) _____</p>	<p><b>To be completed by Designated Supervisor or Qualified Scientist when applicable:</b></p> <ul style="list-style-type: none"><li><input type="checkbox"/> I have reviewed this research and animal husbandry with the student before the start of experimentation and I accept primary responsibility for the care and handling of the animals in this project.</li><li><input type="checkbox"/> I will directly supervise the experiment.</li></ul> <p>Printed Name _____ Email/Phone _____</p> <p>Signature _____ Date of Approval (mm/dd/yy) _____</p>
---	---

- The research mentor (or designated supervisor) is required to directly supervise all research involving vertebrate animals, except for observational studies.
- 'Date of Approval' must be **on/before** the 'Actual Start Date' indicated on [Form 1A](#). Refer to the [form-filling timeline](#) for more information.
  - Use date format **MM/DD/YY** (e.g. 01/31/21)

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## Form 5B: Vertebrate Animal Form

Compulsory?	Filled in by	Endorsed by	To be dated before or after start of experimentation?
For projects conducted <b>at research institutions</b> involving <b>vertebrate animals</b>	Research mentor	Research mentor	Before

Note: For projects conducted outside of research institutions that involve vertebrate animals, refer to [Form 5A](#).

*All items are compulsory*

**Vertebrate Animal Form (5B)**  
Required for all research involving vertebrate animals that is conducted in at a Regulated Research Institution. (IACUC approval required before experimentation. Form must be completed and signed after experimentation.)

Student's Name(s) \_\_\_\_\_

Title of Project \_\_\_\_\_

Title and Protocol Number of IACUC Approved Project \_\_\_\_\_

**To be completed by Qualified Scientist or Principal Investigator:**

1. Species of animals used: \_\_\_\_\_ Number of animals used: \_\_\_\_\_

---

2. Describe, in detail, the role of the student in this project: animal procedures and related equipment that were involved, oversight provided and safety precautions employed. (Attach extra pages if necessary.)

---

3. Was there any weight loss or death of any animal? If yes, attach a letter obtained from the qualified scientist, designated supervisor or a veterinarian documenting the situation and the results of the investigation.

---

4. Did the student's project also involve the use of tissues?  
 No  
 Yes; complete Forms 6A and 6B

5. What laboratory training, including dates, was provided to the student?



## Form 5B: Vertebrate Animal Form (continued)

Note that a copy of IACUC Approval from the research institution is required to be attached.

**6. Attach a copy of the Regulated Research Institution IACUC Approval. A letter from the Qualified Scientist or Principal Investigator is not sufficient.**

Qualified Scientist/Principal Investigator	
Printed Name	
Signature	Date (mm/dd/yy)

- 'Date' must be **on/before** the 'Actual Start Date' indicated on [Form 1A](#). Refer to the [form-filling timeline](#) for more information.
- Use date format **MM/DD/YY** (e.g. 01/31/21)

## Form 6A: Potentially Hazardous Biological Agents Risk Assessment Form

Compulsory?	Filled in by	Endorsed by	To be dated before or after start of experimentation?
For projects involving <b>PHBAs*</b>	Research mentor	SRC and research mentor	Before

\*PHBAs include:

- microorganisms,
- rDNA,
- fresh/frozen tissue (including primary cell lines, human and other primate established cell lines and tissue cultures),
- blood,
- blood products and
- body fluids.

Projects involving these PHBAs need to submit **both Forms 6A and 6B**.

Refer to the [Guidelines for Science and Engineering Fairs 2021-2022](#) for exempt studies/tissues.



## Form 6A: Potentially Hazardous Biological Agents Risk Assessment Form (continued)

Sections 1 and 2 should be completed by the research mentor, in collaboration with the student(s).

*All items are compulsory*

### Potentially Hazardous Biological Agents Risk Assessment Form (6A)

Required for research involving microorganisms, rDNA, fresh/frozen tissue (including primary cell lines, human and other primate established cell lines and tissue cultures), blood, blood products and body fluids.  
SRC/IACUC/IBC approval required before experimentation.

Student's Name(s) \_\_\_\_\_

Title of Project \_\_\_\_\_

To be completed by the **QUALIFIED SCIENTIST/DESIGNATED SUPERVISOR** in collaboration with the student researcher(s). All questions are applicable and must be answered; additional page(s) may be attached.

#### SECTION 1: PROJECT ASSESSMENT

1. Identify potentially hazardous biological agents to be used in this experiment. Include the source, quantity and the biosafety level risk group of each microorganism.
2. Describe the site of experimentation including the level of biological containment.
3. Describe the procedures that will be used to minimize risk (personal protective equipment, hood type, etc.).
4. What final biosafety level do you recommend for this project given the risk assessment you conducted?
5. Describe the method of disposal of all cultured materials and other potentially hazardous biological agents.

#### SECTION 2: TRAINING

1. What training will the student receive for this project?
2. Experience/training of Designated Supervisor as it relates to the student's area of research (if applicable).

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## Form 6A: Potentially Hazardous Biological Agents Risk Assessment Form (continued)

All items are compulsory

- Section 3 is to be filled in by the research mentor
- 'Date of review' must be **on/before** the 'Actual Start Date' indicated on [Form 1A](#). Refer to the [form-filling timeline](#) for more information.
- Use date format **MM/DD/YY** (e.g. 01/31/21)

**SECTION 3: For ALL CELL LINES, MICROORGANISMS AND TISSUES - To be completed by the QUALIFIED SCIENTIST or DESIGNATED SUPERVISOR - Check the appropriate box(es) below:**

- Experimentation on the microorganisms/cell lines/tissues to be used in this study will NOT be conducted at a Regulated Research Institution, but will be conducted at a (check one)  BSL-1 or  BSL-2 laboratory. [This study has been reviewed by the local SRC and the procedures have been approved prior to experimentation.]
- Experimentation on the microorganisms/cell lines/tissues to be used in this study will be conducted at a Regulated Research Institution and was approved by the appropriate institutional board prior to experimentation; Institutional approval forms are attached.  
Origin of cell lines: \_\_\_\_\_ Date of IACUC/IBC approval \_\_\_\_\_
- Experimentation on the microorganisms/cell lines/tissues to be used in this study will be conducted at a Regulated Research Institution, which does not require pre-approval for this type of study. The SRC has seen and approved the research plan and supporting documentation and acknowledges the accuracy of the responses above.

**CERTIFICATION - To be SIGNED by the QUALIFIED SCIENTIST or DESIGNATED SUPERVISOR**

The QS/DS has seen this project's research plan and supporting documentation and acknowledges the accuracy of the information provided above. This study has been approved as a (check one)  BSL-1/  BSL-2 study, and will be conducted in an appropriate laboratory.

\_\_\_\_\_  
QS/DS Printed Name Signature

\_\_\_\_\_  
Date of review (mm/dd/yy)

**SECTION 4: CERTIFICATION - To be completed by the LOCAL or AFFILIATED FAIR SRC**

The SRC has seen this project's research plan and supporting documentation and acknowledges the accuracy of the information provided above.

\_\_\_\_\_  
SRC Printed Name Signature

\_\_\_\_\_  
Date of review (mm/dd/yy)

- This section is to be filled in the an SRC. Please contact the SSEF organising committee for assistance if your school does not have its own SRC.
- 'Date of review' must be **on/before** the 'Actual Start Date' indicated on [Form 1A](#). Refer to the [form-filling timeline](#) for more information.
  - Use date format **MM/DD/YY** (e.g. 01/31/21)

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## Form 6B: Human and Vertebrate Animal Tissue Form

Compulsory?	Filled in by	Endorsed by	To be dated before or after start of experimentation?
For projects involving <b>fresh/frozen tissue, blood, blood products and body fluids</b>	Student(s)	Research mentor	Before

Projects that require Form 6B would also require [Form 6A](#).

*All items are compulsory*

**Human and Vertebrate Animal Tissue Form (6B)**

Required for research involving fresh/frozen tissue (including primary cell lines, human and other primate established cell lines and tissue cultures), blood, blood products and body fluids. If the research involves living organisms please ensure that the proper human or animal forms are completed. All projects using any tissue listed above must also complete Form 6A.

Student's Name(s) \_\_\_\_\_

Title of Project \_\_\_\_\_

**To be completed by Student Researcher(s):**

- What vertebrate animal tissue will be used in this study? Check all that apply.
  - Fresh or frozen tissue sample
  - Fresh organ or other body part
  - Blood
  - Body fluids
  - Primary cell/tissue cultures
  - Human or other primate established cell lines
- Where will the above tissue(s) be obtained? If using an established cell line include source and catalog number.
- If the tissue will be obtained from a vertebrate animal study conducted at a research institution attach a copy of the IACUC certification with the name of the research institution, the title of the study, the IACUC approval number and a of IACUC approval.



## Form 6B: Human and Vertebrate Animal Tissue Form (continued)

This section should be completed by the research mentor.

**To be completed by the Qualified Scientist or Designated Supervisor:**

- I verify that the student will work solely with organs, tissues, cultures or cells that will be supplied to him/her by myself or qualified personnel from the laboratory; and that if vertebrate animals were euthanized they were euthanized for a purpose other than the student's research.

**AND/OR**

- I certify that the blood, blood products, tissues or body fluids in this project will be handled in accordance with the standards and guidance set forth in U.S. Occupational Safety and Health Act, 29CFR, Subpart Z, 1910.1030 - Blood Borne Pathogens.

Printed Name

Signature

Date of Approval (mm/dd/yy)  
(Must be prior to experimentation.)

Title

Phone/Email

Institution

- 'Date of Approval' must be **on/before** the 'Actual Start Date' indicated on [Form 1A](#). Refer to the [form-filling timeline](#) for more information.
- Use date format **MM/DD/YY** (e.g. 01/31/21)

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## Form 7: Continuation/Research Progression Projects Form

Compulsory?	Filled in by	Endorsed by	To be dated before or after start of experimentation?
For projects that are a <b>continuation/progression</b> in the same field of study as a previous project	Student(s)	Student(s)	After

*All items are compulsory*

**Continuation/Research Progression Projects Form (7)**

Required for projects that are a continuation/progression in the same field of study as a previous project. This form must be accompanied by the previous year's abstract and Research Plan/Project Summary.

Student's Name(s) \_\_\_\_\_

**To be completed by Student Researcher:** List all components of the current project that make it new and different from previous research. The information must be on the form; use an additional form for previous year and earlier projects.

Components	Current Research Project	Previous Research Project: Year: _____
1. Title		
2. Change in goal/purpose/objective		
3. Changes in methodology		
4. Variable studied		
5. Additional changes		



## Form 7: Continuation/Research Progression Projects Form (continued)

*All items are compulsory*

Abstract and Research Plan/Project Summary of the previous project are required to be attached.

Attached are:

Abstract and Research Plan/Project Summary, Year \_\_\_\_\_

I hereby certify that the above information is correct and that the current year Abstract & Certification and project display board properly reflect work done only in the current year.

\_\_\_\_\_  
Student's Printed Name(s)

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date of Signature (mm/dd/yy)

- 'Date of Signature' must be **on/after** the 'Actual End Date' indicated on [Form 1A](#). Refer to the [form-filling timeline](#) for more information.
- Use date format **MM/DD/YY** (e.g. 01/31/21)

# Junior Scientist Category

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Click to select a form:

Form	Compulsory
SSEF Entry Form (Junior Scientist)	✓

# Junior Scientist Category

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## SSEF Entry Form (Junior Scientist)

Compulsory?	Filled in by	Endorsed by
✓	Student(s)	Teacher mentor

Project code format:  
JXX123, e.g. JMA012

Project Code:

### SINGAPORE SCIENCE & ENGINEERING FAIR 2022 (JUNIOR SCIENTIST CATEGORY) ENTRY FORM

Please refer to the SSEF 2022 website (<http://www.science.edu.sg/ssef>) for details on the application process and all the submission requirements.

All project documents must be received Friday, 21 January 2022, 17:00 hrs.

#### PROJECT INFORMATION

Type of Participation:

Choose an item.

Project Category\*:

Click here to enter text.

Title of Research Project:

Click here to enter text.

The five project categories for the Junior Scientist Category are: Biology, Chemistry, Computing, Mathematics and Physics.

This should be the same as what was indicated during online registration. Please contact the SSEF organising committee if there are changes to be made.

\*The five project categories for the Junior Scientist Category are: Biology, Chemistry, Computing, Mathematics, and Physics. Selecting the appropriate project category is important to ensure that the assigned judges are familiar with your research topic.

Individual projects

Team projects



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## SSEF Entry Form (Junior Scientist) (continued)

Individual projects only need to fill in this section.

DECLARATION BY PARTICIPANT(S) <sup>5</sup>		
I / We hereby certify that all the information provided to SSEF organisers is correct. I / We did not plagiarise material, forge or fabricate data, use or present other researcher's work as our own in my / our research project. I / We consent to the use of the information / project I / we submit to the organisers for publicity purpose. I / We understand that all the materials I / we submit will not be returned to me / us.		
<b>Individual / Team Leader (i.e. team member 1)</b>		
Full name:		School Level (eg. Sec 3, IP4)
Signature:	School:	Date:
<b>For Team Projects:</b>		
<b>Team Member 2</b>		
Full name:		School Level (eg. Sec 3, IP4)
Signature:	School:	Date:
<b>Team Member 3</b>		
Full name:		School Level (eg. Sec 3, IP4)
Signature:	School:	Date:

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## SSEF Entry Form (Junior Scientist) (continued)

For **individual** projects, only this section needs to be filled.

### SCHOOL'S ENDORSEMENT

For individual project / team projects with members from the same school

Teacher-in-charge's full name:

Teacher-in-charge's email address:

Teacher-in-charge's signature:

Date:

### SCHOOL'S ENDORSEMENT

For team projects with members from different schools

#### For team member 1

Teacher-in-charge's full name:

Teacher-in-charge's email address:

Teacher-in-charge's signature:

Date:

#### For team member 2

Teacher-in-charge's full name:

Teacher-in-charge's email address:

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## SSEF Entry Form (Junior Scientist) (continued)

Parental/guardian consent is required for official SSEF/ Broadcom MASTERS International media releases.

### SSEF JUNIOR SCIENTIST CATEGORY 2022

PARENT/GUARDIAN CONSENT FORM (INDIVIDUAL/TEAM MEMBER 1) FOR SSEF 2022

In participating in the SSEF 2022 Junior Scientist Category, your child/ward will be submitting a video for the video contest. Please review the rules of the video contest at <https://science.edu.sg/ssef/>.

The following may also be shared on MOE and SSEF's social media platforms (Website, Facebook and Instagram pages) which are accessible to the general public:

1. Images and videos of my child/ward\* participating in SSEF 2022 and Broadcom MASTERS International 2022, if applicable;
2. Materials my child/ward\* used during participation in SSEF 2022 and Broadcom MASTERS International 2022, if applicable;
3. My child/ward\*'s learning experience at SSEF 2022 and Broadcom MASTERS International 2022, if applicable.

**If you agree to your child / ward participating in the SSEF 2022 and to the rules of the Junior Scientist Category, please fill in the blanks and sign below.**

I, [Click here to enter text.](#) (name of parent / guardian), acknowledge that I have read and understood the information above and the rules of the Junior Scientist Category.

I hereby give permission for any image or video of my child / ward, [Click here to enter text.](#), (name of child / ward) captured during SSEF 2022 and Broadcom MASTERS International 2022, if applicable, to be used for the following listed activities above.

I declare that I have the authority to sign this release and that I have read and understood this agreement prior to signing it.

PARENT'S/GUARDIAN'S SIGNATURE:

Date:

[Click here to enter text.](#)

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# Junior Scientist Category

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## SSEF Entry Form (Junior Scientist) (continued)

For **team** projects, this section should be filled in by the team leader, who would be the main point of contact for SSEF.

Only **team** projects need to fill in this section. 'Team Member 3' can be left blank if there are only two members in the team.

DECLARATION BY PARTICIPANT(S) <sup>5</sup>		
I / We hereby certify that all the information provided to SSEF organisers is correct. I / We did not plagiarise material, forge or fabricate data, use or present other researcher's work as our own in my / our research project. I / We consent to the use of the information / project I / we submit to the organisers for publicity purpose. I / We understand that all the materials I / we submit will not be returned to me / us.		
<b>Individual / Team Leader (i.e. team member 1)</b>		
Full name:		School Level (eg. Sec 3, IP4)
Signature:	School:	Date:
<b>For Team Projects:</b>		
<b>Team Member 2</b>		
Full name:		School Level (eg. Sec 3, IP4)
Signature:	School:	Date:
<b>Team Member 3</b>		
Full name:		School Level (eg. Sec 3, IP4)
Signature:	School:	Date:

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## SSEF Entry Form (Junior Scientist) (continued)

For **team** projects with members from the **same school**, only this section needs to be filled.

### SCHOOL'S ENDORSEMENT

For individual project / team projects with members from the same school

Teacher-in-charge's full name:

Teacher-in-charge's email address:

Teacher-in-charge's signature:

Date:

For **team** projects with members from **different schools**, only this section needs to be filled. The teacher-in-charge from each school needs to sign on the same form.

### SCHOOL'S ENDORSEMENT

For team projects with members from different schools

For team member 1

Teacher-in-charge's full name:

Teacher-in-charge's email address:

Teacher-in-charge's signature:

Date:

For team member 2

Teacher-in-charge's full name:

Teacher-in-charge's email address:

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## SSEF Entry Form (Junior Scientist) (continued)

Parental/guardian consent is required for official SSEF/ Broadcom MASTERS International media releases.

For **team** projects, each member needs to submit his/her own consent form.

### SSEF JUNIOR SCIENTIST CATEGORY 2022

PARENT/GUARDIAN CONSENT FORM (INDIVIDUAL/TEAM MEMBER 1) FOR SSEF 2022

In participating in the SSEF 2022 Junior Scientist Category, your child/ward will be submitting a video for the video contest. Please review the rules of the video contest at <https://science.edu.sg/ssef/>.

The following may also be shared on MOE and SSEF's social media platforms (Website, Facebook and Instagram pages) which are accessible to the general public:

1. Images and videos of my child/ward\* participating in SSEF 2022 and Broadcom MASTERS International 2022, if applicable;
2. Materials my child/ward\* used during participation in SSEF 2022 and Broadcom MASTERS International 2022, if applicable;
3. My child/ward\*'s learning experience at SSEF 2022 and Broadcom MASTERS International 2022, if applicable.

**If you agree to your child / ward participating in the SSEF 2022 and to the rules of the Junior Scientist Category, please fill in the blanks and sign below.**

I, [Click here to enter text.](#) (name of parent / guardian), acknowledge that I have read and understood the information above and the rules of the Junior Scientist Category.

I hereby give permission for any image or video of my child / ward, [Click here to enter text.](#), (name of child / ward) captured during SSEF 2022 and Broadcom MASTERS International 2022, if applicable, to be used for the following listed activities above.

I declare that I have the authority to sign this release and that I have read and understood this agreement prior to signing it.

PARENT'S/GUARDIAN'S SIGNATURE:

Date:

[Click here to enter text.](#)

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