**The Challenge (Category A, B and C)**

1. The challenge will be to create a stop motion clip based on the theme **Climate Change**. Day 1 and 2 of the competition will be held at the Science Centre.

2. The stop motion clip will be produced using the SAM Animation software. The SAM Animation is a user-friendly software that was developed by an American company iCreate, formed by members of the Tufts University Center for Engineering Education and Outreach (CEEO) in Boston, USA. A free trial of the software can be downloaded from http://www.icreatetoeducate.com

**First day of competition**

3. Teams will present their storyboard to a panel of judges. Teams are allotted **10 mins** (6 mins presentation 4 mins Q&A) only. Each team will be allowed the maximum of **Three A1 or smaller** size posters as visual aids for their presentation. Presentations using laptops will not be allowed.

4. Teams are required to submit a CD containing any audio clip(s) that they plan to use for the **2nd** day of competition. The audio clip(s) can be in Wav or MP3 format.

**Second day of competition**

5. Teams are required to create a 30-60 second stop motion clip based on the storyboard presented during the first day. Teams will be given **4 hours** to complete the clip.

6. All clips will be created using the **SAM Animation software** installed in the computer that the Science Centre provides. Teams are **only allowed** to use the materials provided to create the clip. In addition, teams are allowed to use any parts of their body in the clip.

7. The list of materials is attached as Annex A.

8. Each team will be given a 1.2m (L) X 0.6m (W) table to work on their clip. However, the following items will be placed on the table as well:
   1) One 19 inch screen,
   2) One keyboard
   3) One mouse
   4) One Webcam mounted on a flexible stand.
      (http://icreatetoeducate.com/products?category=Cameras)

9. Nobody except the participating teams and officials will be allowed in the competition area during the competition.
Rules and Regulations

1. By participating in this contest, the participant agrees to be bound by the official rules, regulations and decisions of Science Centre and any form of publicity for this contest.

2. Teams are not allowed to communicate with external parties (eg with walkie-talkies, mobile phones etc) during the competition.

3. There is no limit to the number of teams from each school or organization.

4. Each member can only participate in one team.

5. Each team can only participate in one category.

6. Teams are allowed to take part in categories higher than their education standard.

7. The organizer reserves the right to amend the rules and regulations.

8. The judge’s decision is final.

9. Plagiarism is a serious offence. All sources must be duly acknowledged and cited. The final clip must solely be a result of the effort of the participating team.

10. The organizer reserves the right to revoke any prizes awarded should there be evidence of regulation violation.
The Championship Award

This is the most prestigious award that a team can win. Teams are considered for the Championship Award based on their overall excellence during the course of the competition.

As a Championship Award recipient, the winning team is recognized as being outstanding and the assessment is based on the scores according to the following weightage:

- Creativity – 25%
- Content – 25%
- Animation Skills – 20%
- Storyboard – 15%
- Entertainment Value – 15%

Apart from the Championship Award, the following awards will also be presented to deserving teams.

- The Most Creative Clip Award
- The Best Storyboard Award
- The Best Story Award
- The Most Entertaining Clip Award
- The Best Presentation Award
Annex A – Material List

1. Felt x04 (approx 30 cm by 25 cm each)
   - White, Blue, Green and Brown (1 each)

2. Water-based Marker (18 colours)

3. Oil Crayon (24 colours)
4. Bullet point permanent marker x02
   - One Black & one Blue
5. 6mm pipe cleaner x04
   - Blue & Yellow (2 each)
6. 80gsm A4 Creative Paper x 10
   - White, Orange, Yellow, Blue, Green (2 each)
7. Ice-cream Sticks x 05
8. 50mm Jumbo Paper Clips x05
9. Decoration Ball x05
   - 2 Yellow, 3 White
10. 8 ply Wool String x02
    - Black & Red (2 meters each)
11. Masking Tape x01 roll
12. Scotch Tape x01 roll
13. Scissors x01
14. Joggly Eye stick x02 pairs
    - 1 pair of 10mm, 1 pair of 15mm
15. White Glue x01
16. White Plasticine x01
17. Mahjong paper x01 (approx 85 cm by 85 cm)