NATIONAL SCIENCE CHALLENGE (NSC) 2022 STATE LEVEL GUIDELINE

INTRODUCTION

NSC 2022 State Level consists of three components as follows:

1. Video Competition (55%)
2. Slide Presentation (45%)
3. Interview

1. VIDEO COMPETITION

All teams are required to prepare a 3 minutes and 10 seconds video on **"Sustainable Planetary Health for Future Generations".**

RULES AND REGULATIONS

1. Create an original video clip either in English or Malay Language (**a maximum of 3 minutes running not including 10 sec of the title screen**) relevant to the topic given, following the guidelines in the Competition rules.

2. All entries should begin with a 10-second full-screen "title screen" that includes the following information:

   - Team ID
   - School name
   - School city, state
   - Title of video

3. Videos must be uploaded as one single file in the highest quality as follows;
   - Video has to be submitted in **editable digital format**
   - Minimum **1280 x 720 (HD) size**
   - Format: **mv/mov/avi/m4/mp4**

4. Prepare a short descriptive text of a maximum of **1000 characters in English/Malay** Language to be uploaded along with the video on Youtube.

5. Sound effects and music may be used, as long as the participant has the right to use and disseminate it.

6. You must have full copyrights to the submitted material, including sound effects and music if used. Competition submissions must not include any endorsements of products or services or any obscene, violent, racist, or defamatory content. Incomplete entries or entries that do not comply with the formal specifications will be automatically disqualified.

7. Submissions may also not be accepted into the competition if the video spot in the entry features an identifiable individual who has not given their consent to appear

or if the image features advertising or trademarks, which would otherwise require permission to use.

8. Written consent on the materials includes in the submitted video, merely by the examples, images, illustrations, sound recordings, text, trademarks, trade names, products, logos, technical drawings or graphical charts or tables must be declared in the consent form.

9. No professional assistance is allowed. Adults may assist with production but are limited to verbal guidance only. Adults are allowed to be actors or cameramen but not content contributors.

10. The judges' decision is final. Decisions will be made based on the **Judging Rubric** by three (3) independent judges.

11. Total marks for the video competition is 55%.

12. Bonus marks (5%) will be given to the top 5 most liked YouTube video!

JUDGING CRITERIA FOR PARTICIPANTS

1. The judges will look for a creative, engaging and inspiring submission.

2. Your entry will be judged based on:

   - Relevance of your entry to the competition topic
   - Creativity expressed
   - Accuracy of information and scientific content
   - Technical ability
   - Persuasiveness of the entry
   - Effectiveness in reaching to the target audience (general public)
   - Originality and entertainment value
   - Overall quality of video
   - STEM communication

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2. SLIDES PRESENTATION COMPETITION

All teams are required to prepare **10 pages of Microsoft PowerPoint slides** on **any science topic** under the theme of Planetary Health that integrates Biology, Chemistry and/ or Physics.

i.   2 slides on how each subject related to the topic selected (i.e. 2 slides on Biology, 2 slides on Physics and 2 slides on Chemistry, total **6 slides**)
ii. **3 slides of integration** of those 3 science subjects
iii. **1 Summary slide**

Teams to ensure slides are not too wordy and with too much information, only include key or informative figure such as flow charts, table or any related graphics

RULES AND REGULATIONS

i.   All teams need to prepare **10 slides deck** using **Microsoft PowerPoint only**. No introduction in the first slides is required.
ii. All teams have only **30 seconds to present each slide**. The total duration for each presentation is **5 minutes per team**. The slides will be controlled by the ASM officer and they will be changed once the 30-second time has passed.
iii. There will be **5 minutes of Question and Answer** by judges.
iv. The judges' decision is final. Decisions will be made based on the **Judging Rubric** by 3 independent judges.
v.   Total mark for the slides presentation is **45%.**

METHOD OF SUBMISSION

1. The submission date for both video and slides is on **20 July 2022, 11.59pm.**

2. Kindly create a Google Drive folder (include both **video** and **slides** in **one (1)** folder) and share the link to [nsc@akademisains.gov.my.](mailto:nsc@akademisains.gov.my)

3. 5% of the percentage of the overall mark will be deducted for any late submissions.

3. INTERVIEW: RULES AND REGULATIONS

1. Interview will take place from **22-24 July 2022** via Zoom. All communications will be done in the Telegram group.

2. The interview session will take approximately **15 minutes**. There will be **3 independent judges** for each team of contestants.

3. The interview session shall begin with an introduction by the team members. The team is not required to present again from the video submitted. The judges will be

asking questions straight away and participants will take turn to answer it (5 Minutes)

4. After the video component, participants will **present the slides deck (5 minutes),** followed by **Question & Answer (5 minutes).**

5. The team will be assessed based on **Judging Rubric.** The judges' decision is final.

6. Total marks for the interview session is **10% (video) and 10% (slides presentation).**

7. During the slides presentation, the judges will select one member from the group to be shortlisted for the Best STEM Communicator Award.

JUDGING CRITERIA FOR PARTICIPANTS

Your interview will be judged based on:

- Response: The team members can respond to the questions satisfactorily with confidence, accuracy and appropriate language use.

- Professionalism & Teamwork: Team members take turn to speak, maintain good eye contact, and speak with an audible tone. Each team member understands all aspects of the topic irrespective of the role or contribution mentioned in the introduction.

- END -

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