

The background is a dark blue space filled with numerous small, bright blue stars. Overlaid on this are several faint, light-colored circular diagrams. These diagrams consist of concentric circles, some with arrows indicating a clockwise direction, and some with radial lines. One large diagram on the left has numerical labels: 40, 150, 160, 170, 180, 190, 220, 230, 240, 250, and 260. The main title is centered in a white, cursive font.

Briefing for Observation Round

Astro Challenge 2020

ADMINISTRATIVE DETAILS

- Each school will send a team of 3 students to represent the school
- The team may comprise of students from any of the participating teams from the school
- All teams from the school will receive the same score for Observation Round

EVENT TIMELINE

Day 0 – 5 Sep 2020

Day 1 – 5 Dec 2020

The Observation Round is split into 3 components:

- Night Sky Tour (*Day 0 to Day 1*)
 - 20% weightage of Theory Obs Round
- Theory Obs Round (*Day 1 - 1700hrs to 1900hrs*)
 - Teams will NOT be split up
 - Theory Obs Round holds 100% weightage for the Obs Round

[Component has been removed]

- ~~● Practical Obs Round (*Day 1 – 2000hrs to 2230hrs*)~~
 - ~~○ Setting up of telescopes will take place before 2000hrs~~

NIGHT SKY TOUR

- New component for AC2020
- Use of Stellarium to simulate an actual Night Sky Tour
- To hone students' ability to deliver astronomy outreach in an interesting and understandable way to the masses
- Emphasis will be placed on presentation
 - tone, audience

NIGHT SKY TOUR

- Rubrics is attached in the email
- For a negative example, please view the attached video titled:
“What NOT to do for the Night Sky Tour”
- You must submit the Night Sky Tour video to astrochallenge@gmail.com with the following format by Day 1: <school name>_NST
- If the video file is too large, upload to file sharing website and include URL

THEORY OBS ROUND

- Each team will complete the Theory Obs paper within the specified time period of 1700hrs to 1900hrs
- There are no stations for the Theory Obs Round

THEORY OBS ROUND COMPONENTS

1. Cloze Passages
2. Open-ended question (observation)
3. Open-ended question (equipment)
4. Star Maps
5. Night Sky Tour

Each component is worth 20% of the Theory Obs Round

QUESTIONS?

- Send an email to astrochallenge@gmail.com
- Ensure your question has not been covered in this briefing or the information sent by email
- Be clear on which component your question is regarding - Night Sky Tour, Theory Obs Round or Practical Obs Round