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# INTEGRATING STELLARIUM WITH AUDIO-VISUAL PRESENTATIONS FOR THE BEST VIRTUAL PLANETARIUM EXPERIENCE



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## INTRODUCTION

### How might we build 'A Better Normal' through Astronomy?

Our project aims to provide an alternative to face-to-face planetarium experience, which will be posted online (via social media) to reach not only the students and teachers, but also the general public. We also aim to keep the public informed of the astronomical events occurring monthly.



From this



To this

## METHODOLOGY

### FIND YOUR TOPIC

Come up with a concept for your presentation.



### WRITE YOUR SCRIPT

Craft an engaging script.

### SHOOT EACH SCENE

Decide on the visual assets (and format) you'll use.



### EDIT YOUR VIDEO

Use a professional video editing app to bring it all together.



### FINAL TOUCHES

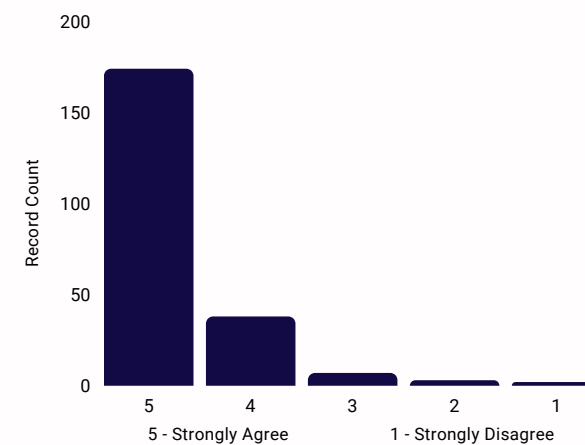
Add music and subtitle to your presentation.



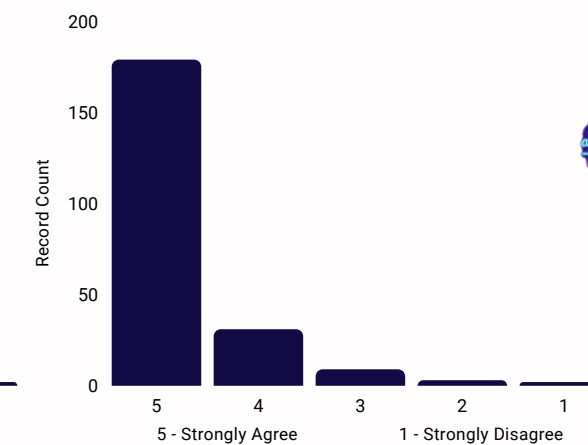
The three things we consider when creating an audio-visual presentation / virtual planetarium show are referred to as 3T:

- **Tools** - include Google Docs for brainstorming and script writing, Stellarium for simulating astronomical events, and iMovie and Canva for video editing and subtitling.
- **Techniques** - To make it more inclusive, we add subtitles for the deaf. We also add visual assets for an additional content.
- **Transfer of Knowledge** - Discuss what astronomical events to look forward to tonight, this year, or in the coming years.

## FEEDBACK



The Virtual Planetarium Show is very well presented.



The length of the Virtual Planetarium Show is appropriate for the topic.



Word Cloud of the Audience Feedback

"Thank you so much for the information. God bless!"

"For beginners the virtual planetarium is a splendid experience. Congratulations on your first Virtual Planetarium Show! Hoping to see more Astronomy shows from you guys so I can share it with my kid."

"The organizers did a really great job. The event went very smoothly. The presentation was very informative. The discussion was not too lengthy. The presenters were very great at explaining the concepts and initiating the discussion."

"The show was good. The topics was well explained. Very knowledgeable."

"Well done! I enjoyed the Virtual Planetarium."

"The event is good for those who love stars, you can learn a lot and if ever there is another event like this in the future, I would like to attend."

"The Virtual Planetarium Show was educational and well-presented and I learned a lot of things in the event."

"A very informative show for me. Thank you so much!"

### BTS Behind the Scenes \*



The team's collaborative effort made this science communication activity possible.

Playlist:  
<https://www.facebook.com/watch/302746419835274/1069428283833308>

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