



(All Divisions)

Create a computer program to communicate your chosen Science topic!

It can be a game, simulation or both but must be Interactive and not just a presentation of information. Although you are encouraged to follow this year's theme, you may choose to explore a scientific topic of your choice.

Below are the Requirements and Guidelines. You can tick each box to make sure you have everything you need!

Requirements:

The program must be written in a general purpose programming language. For example: Scratch, Python, Javascript, C# etc.

Your simulation/game should run for less than 5 minutes - it may run for more than this but the judge should be able to get a comprehensive experience of the program within 5 minutes.

Cover Page - 1 A4 page maximum

- Title
- Science Topic
- Web link to a copy of your program. See page 23 for how to name your file! (Dropbox, Google Docs, Microsoft One Drive, etc)
- Programming Language used
- Operating System used
- Instructions on how to run the program

Written Report - 1 A4 page maximum

- Describe your program
- What does the user do? Where do they start, where do they finish?
- Describe the science in your program
- Describe how the program integrates the science
- Bibliography: a list of references used, cited in the correct format (refer to page 23)
- Acknowledgements - Make sure you include a list of people who gave you help/advice and outline the ways they helped you.

Judging Day

Be prepared to discuss both the science and the program used in your entry with a Judge on the Judging Day.

All Students attending Judging day **MUST** bring their own Computer equipment. If web connection is required, that is also the entrant's responsibility. No responsibility will be taken by STS for lost or damaged equipment.

JUDGING DAY FOR MODELS

Saturday 7 August 2021

Wesley College,

577 St Kilda Road, PRAHRAN

Submit your report electronically

Country entrants are encouraged to attend Judging Day with their computer program and computer hardware to discuss their entry with Judges. If this is not possible entrants must include a written statement with their entry (not more than two A4 pages) summarising the scientific principles demonstrated by their program, and submit this electronically by 18 July 2021.



All guidelines should be followed to avoid being disadvantaged during judging.