



Creative Science Drama Workshop

By Dr. Ong Kiah Ju

Objective



To promote the learning
of science



To promote students'
creativity & innovation



To promote STEAM
education

Science Fiction Movies

Some examples of science fiction movies

Lucy: <https://www.youtube.com/watch?v=DIal4k5kR3k>

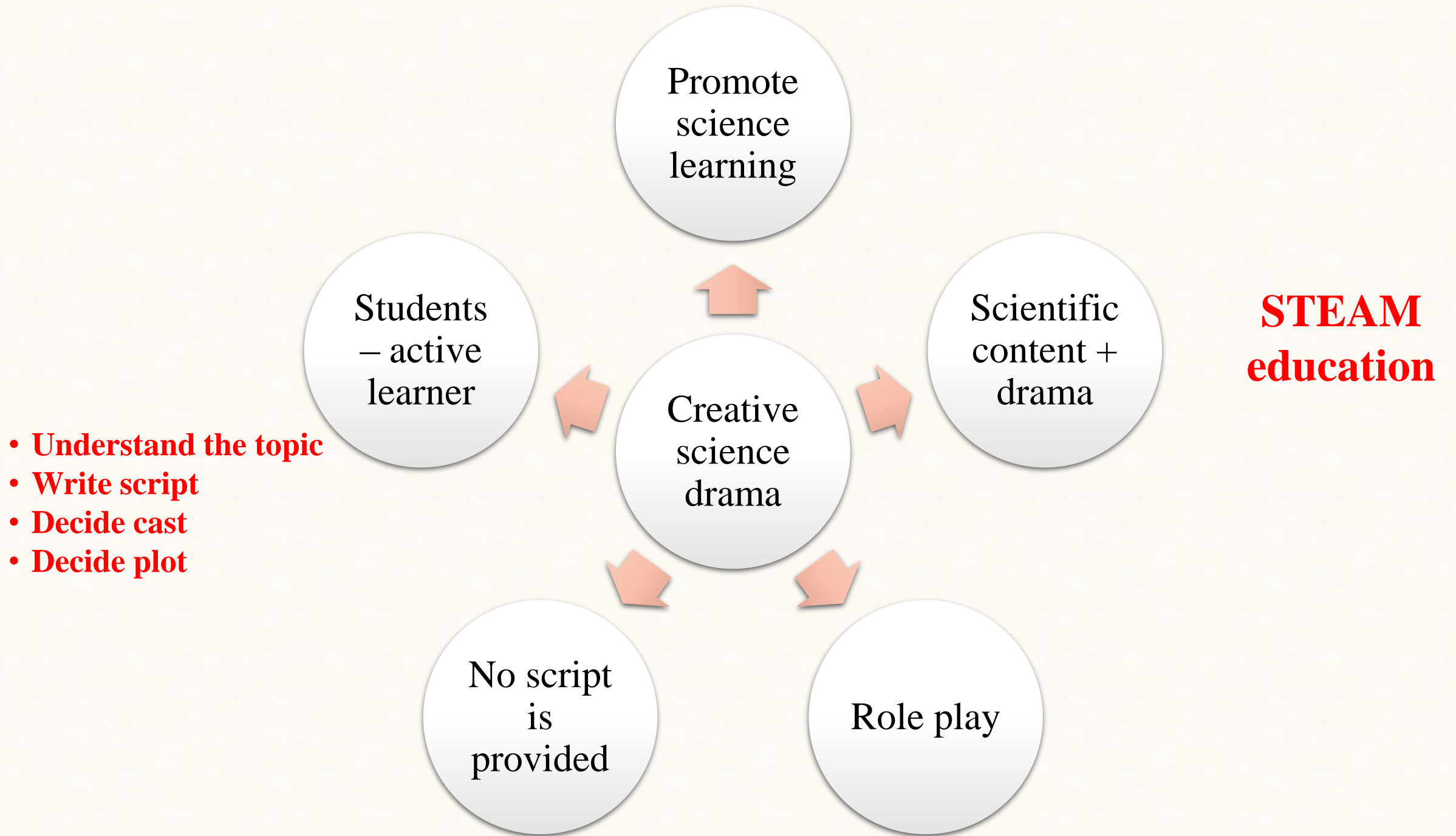
Interstellar: <https://www.youtube.com/watch?v=zSWdZVtXT7E>

Resident event: <https://www.youtube.com/watch?v=H4OXkoT81Jw>

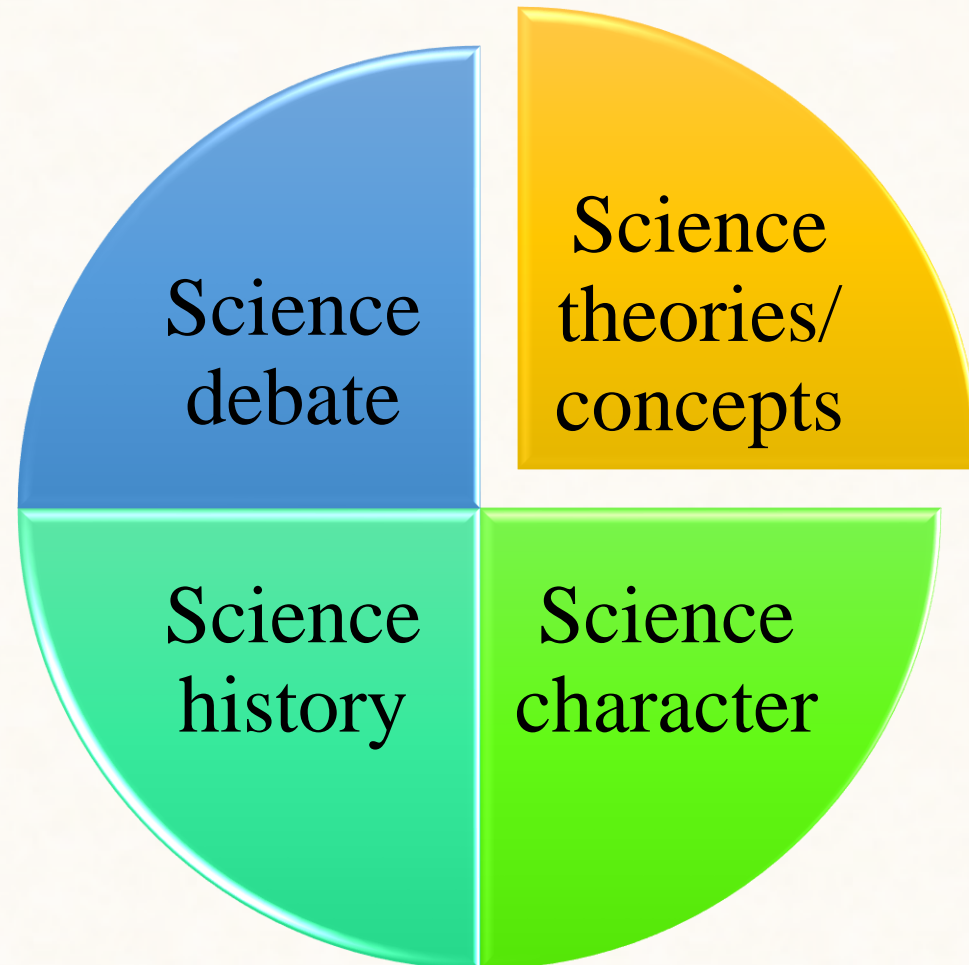
Venom: <https://www.youtube.com/watch?v=zcuWXgzIMog>

Jurassic park: <https://www.youtube.com/watch?v=EQWtaLTOwCw>

Geostorm: <https://www.youtube.com/watch?v=EuOlYPSEzSc>



Creative Science Drama Themes



Science Theories/ Concepts

*Science theories/
facts/ knowledge*

Example:
Newton's Law of
universal
gravitation
(Physics)

Example:
Periodic table
(Chemistry)

Example:
Theory of evolution
(Biology)

Example:
Pythagorean
theorem
(Mathematics)

Some examples for science theories/ concepts (for primary school students):

Photosynthesis

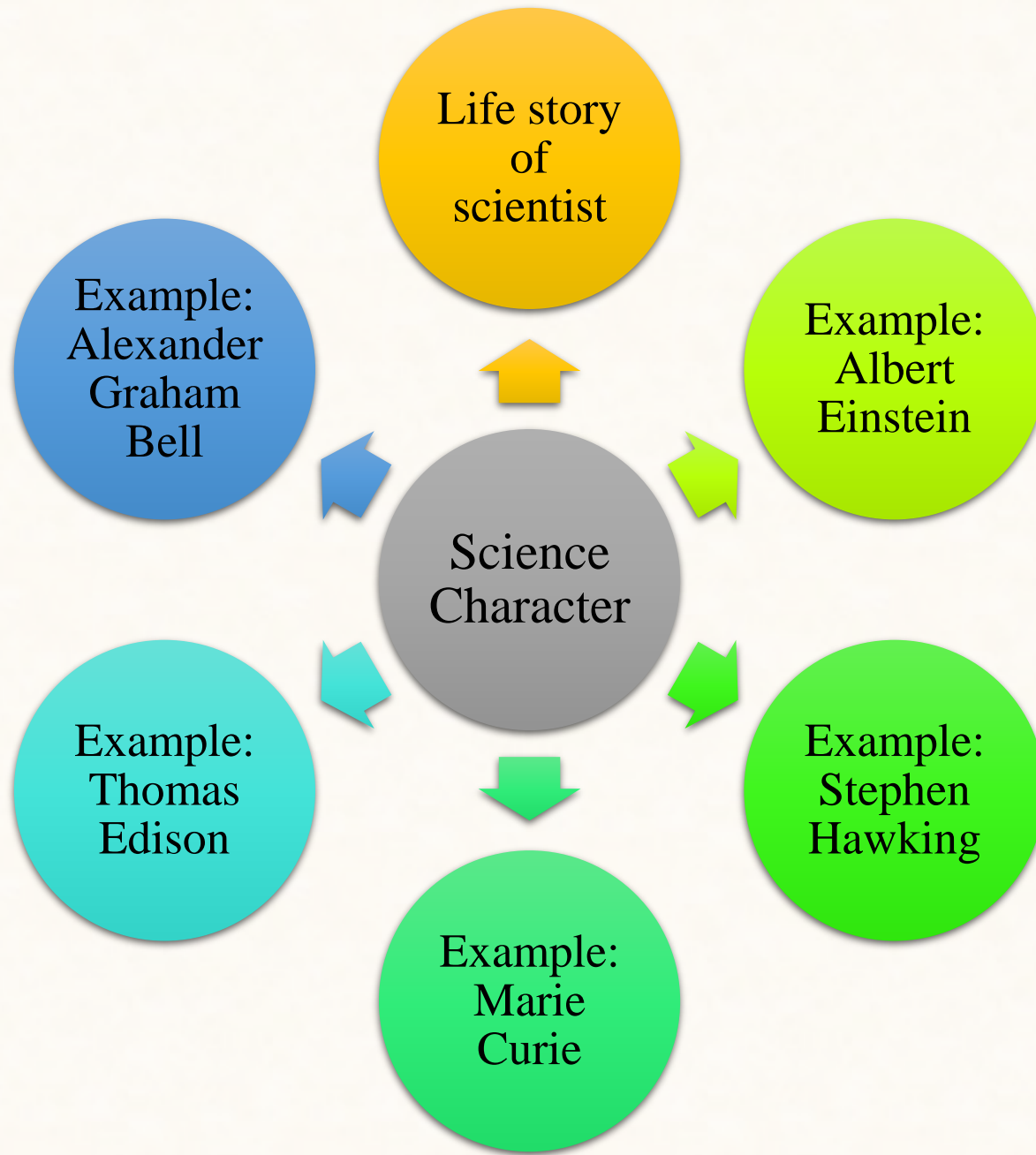
Nutrients
(food)

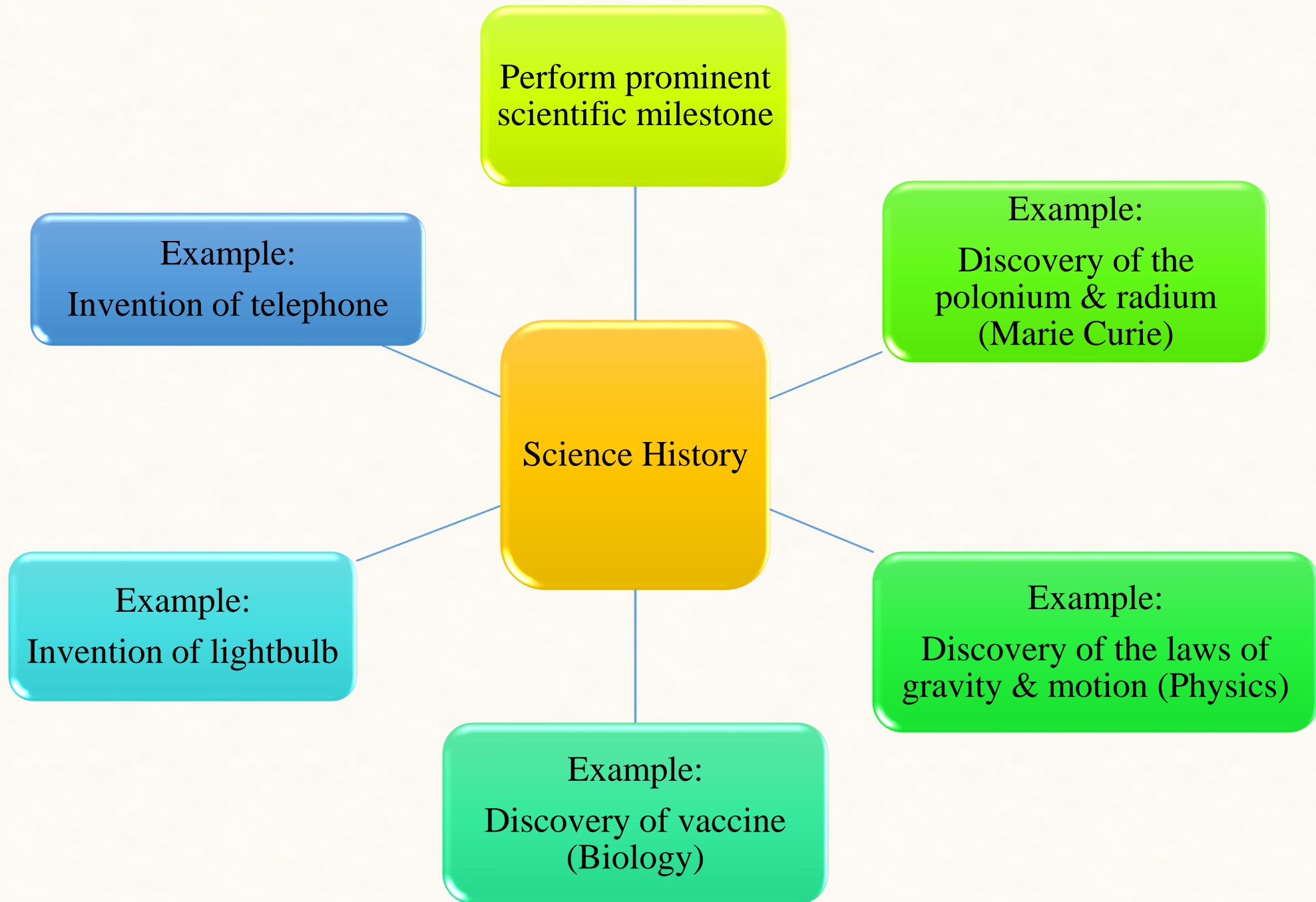
Acid &
alkaline

Life cycle of a
frog

Light/ energy/
sound

Gravity





Science Debate

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graph TD; A[Science Debate] --- B[Perform social issue of science & technology]; A --- C[Example: Should I get Covid-19 vaccine?]; A --- D[Example: Is AI good or bad?]; A --- E[Example: Pollution]; A --- F[Example: Electronic gadget vs Kids];
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Perform social
issue of science
& technology

Example:
Should I get
Covid-19
vaccine?

Example:
Is AI good or
bad?

Example:
Pollution

Example:
Electronic
gadget vs Kids

You may focus on one of the themes

@

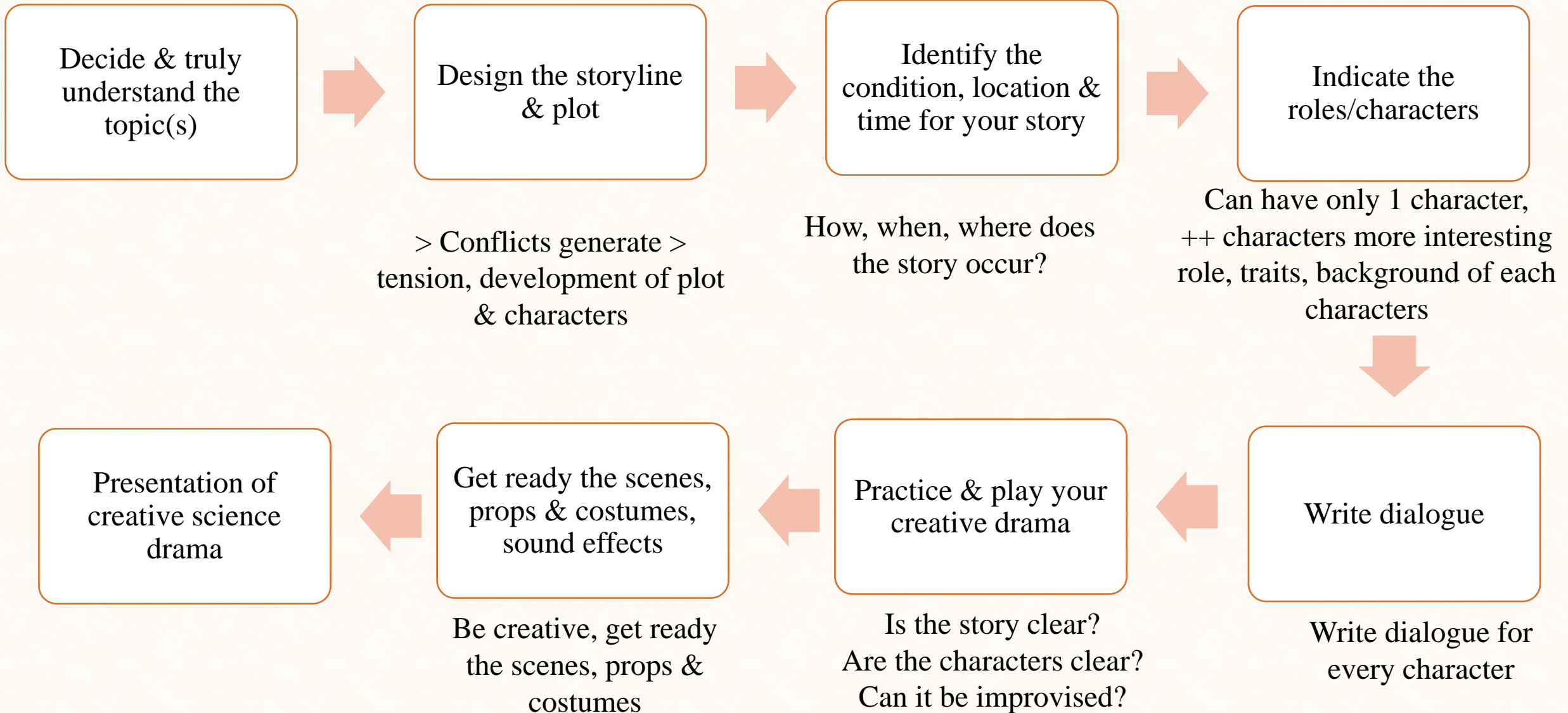
Integrate a few themes

You may focus on one field
(e.g., chemistry, biology, physics.
mathematics, technology)

or

Integrate a few fields

How to implement creative science drama?



Participation & rules Terms & Conditions

Please refer to the website for more
information



Prizes

The prizes for each category are as follows:

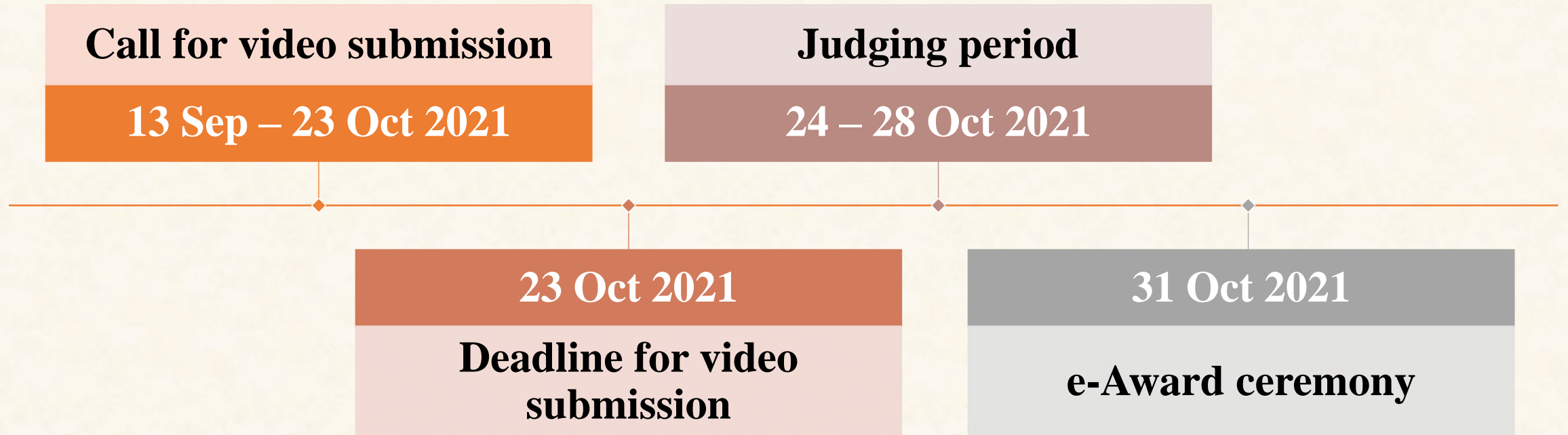
The Champion: RM200 and e-Certificate of Award

1st Runner-up: RM150 and e-Certificate of Award

2nd Runner-up: RM100 and e-Certificate of Award

Merit: e-Certificate of Award

Event timeline



Submission



All submitted video entries must be in MP4 format and to be received by 23 October 2021 (Saturday, 5.30pm) via Google Form



Submission Link:
<https://forms.gle/Nya4qtAKgtgRJ3tU7>