



Summer Bridging Work

Subject: Physics

Year: 8 into year 9

Topic/Title of what the students will be studying in September for the first half term:
Nuclear Radiation

Suggested background reading that will help them to understand the context of the topic to be studied:

- <https://www.bbc.co.uk/bitesize/topics/zqtmw6f>
- all links

Article to read:

Choose one of the articles below and choose three things that surprise you or you found interesting from this article and briefly explain why you found it surprising or interesting.

Relevant films/videos to watch or Podcast to listen to:

The history of the atom: <https://www.youtube.com/watch?v=GOJFznzSZhM>

or

Is radiation always dangerous: <https://topdocumentaryfilms.com/nuclear-nightmares/>

or

Consequences of radiation in Chernobyl:

<https://www.bbc.co.uk/iplayer/episode/b08650s6/inside-chernobyls-mega-tomb>

or

<https://www.bbc.co.uk/sounds/play/p0054887>

or

<https://www.bbc.co.uk/sounds/play/p040bc8n>