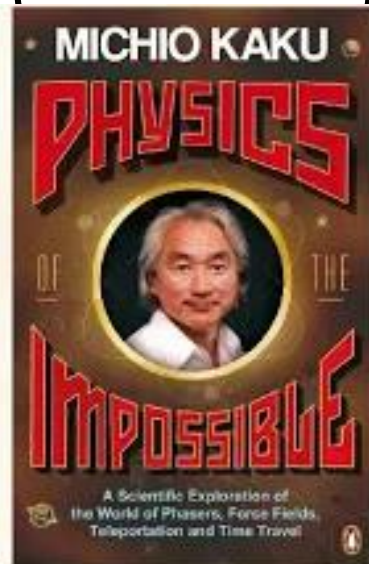


The **Physics** department at SHSB considers the following criteria to be important in defining what is meant by more able and talented in business.

- Aware of how the context influences the interpretation of science content
- Recognise patterns and relationships in science data
- Can hypothesise/predict based on valid evidence and draw conclusions
- Enjoy researching obscure facts and applying scientific theories, ideas and models when explaining a range of phenomena
- Recognise and process reliable, valid and accurate data; can explain why data is unreliable, invalid or inaccurate
- Inquisitive about how things work and why things happen
- Good observational skills
- Enjoy talking with the teacher about new information or ideas
- Think flexibly, generalise ideas and adapt problem-solving approaches
- Ask many questions
- Enjoy logical reasoning
- May be able to miss out steps when reasoning
- Strive for maximum accuracy in measurements of all sorts
- Use advanced and extensive vocabulary, including the use of appropriate language from other areas of the curriculum such as mathematics
- Put forward objective arguments, using combinations of evidence and creative ideas, and question other people's conclusions
- Extremely interested in finding out more about things around them
- Read widely on science or science fiction
- Have scientific hobbies and/or members of scientific clubs and societies.
- Able to sustain their interest and concentration and go beyond an obvious answer with greater depth

Books

Authors: Richard Feynman, Michio Kaku, Stephen Hawkin, Brian Cox



ENRICHMENT ACTIVITIES

- Physics Society
- Oxford University International Physics Olympiad
- Extra-curricular GCSE Astronomy
- Science Society

Apps & Websites

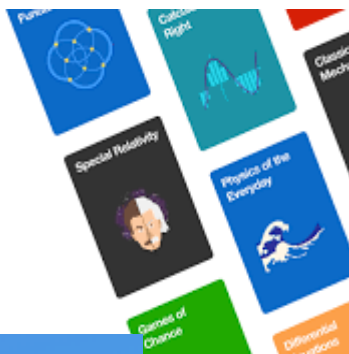


Physics. You work it out.



BRILLIANT

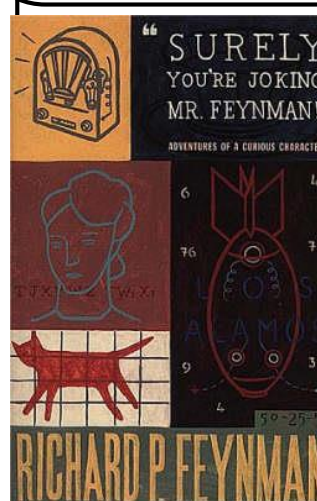
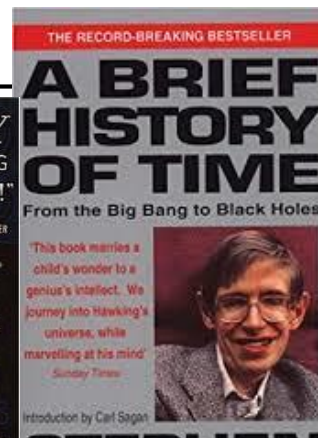
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Further Resources can be found at

