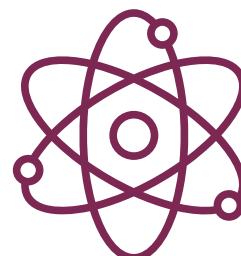




## PHYSICS



- Competition: British Physics Olympiad (Advanced Level Problem Solving), January.
- Museum Visits. Science Museum, Royal Air Force Museum, Institution of civil Engineers Visitors Centre.
- CERN trip, Geneva Switzerland.
- Provision of hard copy of 2-year text book which enables students to access a range of application and extension features
- Provision of login for online Kerboodle resource which provides students with free access to podcasts and wider reading materials
- Online university lectures aimed at 6th form students
- Isaac Physics- problem solving
- I want to study engineering – problem solving
- Brilliant – problem solving and learning
- University summer school
- Recommended YouTube channel list
- Recommended Reading List.
- Recommended Documentary list
- Recommended Podcast list

### RECOMMENDED YOUTUBE CHANNEL LIST

- Veritasium
- Minutephysics
- PBS spacetime
- Fermilab
- Physicsgirl

- Recommended Reading List - Enrichment
- A Brief History of time – Stephen Hawking
- Cosmos – Carl Sagan
- Seven Brief Lessons on Physics – Carlo Rovelli
- The Quantum Universe – Brian Cox and Jeff Forshaw

### RECOMMENDED DOCUMENTARY LIST

- Netflix –A trip to infinity
- BBC Iplayer – Secrets of Size: Atoms to Supergalaxies
- BBC Iplayer – Universe
- Recommended Podcast List
- Oxford University Podcast
- Physics World Weekly Podcast
- Titanium Physics Podcast