



## Course Content

The course will cover two important areas of physics: energy and astronomy. The concept of energy will be explained through its various types and ways of being transferred. The students will learn about the movement of the Earth in space and will learn to understand how this accounts for the apparent daily and annual movement of the sun and the stars. We will discuss the relative position and movement of the planets and the sun in our solar system.

## Resources

1. Cambridge Checkpoint Science Coursebook 7, M Jones, D Fellowes-Freeman and D Sang. Cambridge University Press, Cambridge, 2012 (Pp. 144-179)
2. Cambridge Checkpoint Science Workbook 7, M Jones, D Fellowes-Freeman and D Sang. Cambridge University Press, Cambridge, 2012 (Pp. 79-96)
3. Cambridge Checkpoint Teacher's Resources 7
4. Teachit Science
5. Google Classroom

## Assessment

The final term 3 grade will consist of:

- Lab Report/Science Project (20%)
- Homework/Notebook (10%)
- Unit posters, presentations, etc assignments (20%)
- Topic tests (50%)