



Climate - Students will be able to explain how human activities lead to the greenhouse effect and global warming.

Energy and Work - Students will be able to describe and explain how lever and pullies reduce work done

Home Learning:

Your son/daughter will be provided with a knowledge organiser and will be provided with question to answer based on the core concepts taught.

Key Questions:

Climate

- Name greenhouse gases?
- Explain the greenhouse effect?
- Explain the impact of the global warming?

Energy and Work

- What is work done? How is it calculated?
- What are levers? How do they reduce work done?
- What are pullies? How do they reduce work done?

Diagnosis

- Recall Quiz
- Hinge Questions and Exit tickets
- Deliberate Practice Questions
- Feedback from teachers marking.

Therapy

- DIRT Lesson – Respond to teachers marking

Students will:

Climate

- Be able to name greenhouse gases
- Be able to describe the greenhouse effect
- Be able to explain the impact of global warming

Energy and Work

- Be able to describe what is work done and explain how it is calculated.
- Be able to explain how levers work.
- Be able to explain how pullies work.

Testing

- Final end of topic test.