



Oakwood Academy
A Visual Arts, Technology & Sports College

Science- 11A

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Basic learning in Science

- ▶ The purpose of science teaching at Oakwood is to develop curiosity, enjoyment, skills and a growing understanding of science through an approach in which pupils raise questions and investigate the world in which they live.
- ▶ **The subject of science** seeks to engage and challenge learners at many levels, linking direct practical experience with scientific ideas. Experimentation and modelling are used to develop and evaluate explanations, encouraging critical and creative thought. Opportunities are planned for pupils to:
 - ▶ Enquire, explore and observe so that they can ask questions about themselves and their environment
 - ▶ Stimulate their curiosity in finding out why things happen in the way they do
 - ▶ Appreciate the way science will affect their future on a personal, national and global level.

Learning Task 1 - Science- 11A

Make a poster about why exercise is good for you.

- ▶ Watch the video in the link below before you start:

https://www.youtube.com/watch?v=yTL_bNvXJ9s

Learning Task 2 - Science- 11A

Find out about 5 diseases and write a paragraph about each one.

- ▶ What causes the disease?
- ▶ How do you catch it?
- ▶ How can it be cured?
- ▶ How does it affect you?
- ▶ Try to include a picture of the disease too!

Learning Task 3 - Science- 11A

Find out about 5 legal and illegal drugs. What effect do they have on our body? Is it good or bad? Write a paragraph about each one.

- Choose any drug. Illegal, legal or prescription.
- Some useful websites:

<https://www.talktofrank.com/>

<https://www.drugwise.org.uk/drug-information/>

Prompts

- ▶ What activities can parents and carers complete regularly with their children that have the **most benefit**?
- ▶ Think about the fundamental / basic skills or knowledge needed in your subject area? For example
 - ▶ Daily reading in English
 - ▶ Concentrating on the four operations of maths - Addition, Subtraction, Multiplication and Division
 - ▶ Promoting physical activity (PE)
 - ▶ Awareness of e safety (computing)