



Oakwood Academy
A Visual Arts, Technology & Sports College

Science- 10C

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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- 10C

Make a poster about the seven life processes.

- ▶ Include a picture for each one of the 7 life processes.



Click here for a short video about the seven life processes or copy the link in your browser.

<https://youtu.be/Q2HDJP10qSQ>

Learning Task 2 - Science- 10C

Draw a picture of a animal and plant cell and label the basic parts.

- ▶ Watch the video and try the activity on the link below:

<https://www.bbc.co.uk/bitesize/topics/znyycdm/articles/zr69d>
[xs](#)

Learning Task 3 - Science- 10C

Research the gestation times of 7 animals and create a poster or document about it.

- ▶ You should include a variety of animals from each group - Reptiles, birds, mammals, fish and amphibians (you could even choose from the invertebrates!).



[Click here to watch a short video about animal gestation periods.](#)

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)