

Year 7:

**Deep Learning
Project**

It is the intention of Ormiston Forge Academy to provide opportunities across the curriculum for students to become confident and empowered learners who can access material in diverse forms, communicate with clarity in a range of creative formats in order that they are able to function as citizens in a diverse, ever changing and interconnected world. Research projects encourage the development of a range of independent learning skills and encourage students to make decisions about their learning based on their passions and interests.

BIG QUESTION: What is the periodic table?

POTENTIAL AREAS OF INTEREST:

- ⇒ How elements are discovered
- ⇒ Where elements are found
- ⇒ Uses for elements
- ⇒ What makes elements unique
- ⇒ The qualities of elements
- ⇒ What will happen if we run out of an element?

Useful web sites and Texts:

[What are elements in science? KS3 guide for chemistry students - BBC Bitesize](#)

[What is an element? \(science-sparks.com\)](#)

[Elements and Compounds \(nationalgeographic.org\)](#)

[How elements are formed — Science Learning Hub](#)

POTENTIAL PROJECT OUTCOMES:

MUST INCLUDE:

- A poster, leaflet or model of your chosen element
- Written information
- Who discovered the element

COULD INCLUDE:

- Items made from the element
- Ideas about linked elements