

Firedamp and Davy Lamps.

Computing

Unit 5.1: Basic Skills

- Copying and pasting
- Adding pictures to documents taken from the internet
- Typing at speed, using spell checker
- Inserting tables (add and delete rows)
- Use keyboard short cuts – eg, ctrl+c, ctrl+v

Create hyperlinks

Use the advanced features of Google's web search

Design Technology

Technical Knowledge

Aim: To design a pulley to lift coal from the mines to the surface of the ground.

- ⇒ Understand and use mechanical systems in their products [for example, gears, pulleys, cams, levers and linkages]

History

Industrial Revolution:

- ⇒ A study of an aspect or theme in British history that extends pupils' chronological knowledge beyond 1066 (a significant turning point in British history, for example, the first railways or the Battle of Britain—mining strikes)
- ⇒ A local history study (Calories in Walsall, Staffordshire and the Aberfan Disaster in Wales).

Art and Design

- ⇒ To improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials [for example, pencil, charcoal, paint, clay]
- ⇒ Landscape Images using mixed media, (inspired by Pitmen Painters.)



Music

Emotions and Musical Styles.

KQ: How does music connect us with our past?

Geography

Human and physical geography

- ⇒ Human geography, including: types of settlement and land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water

Geographical skills and fieldwork

- ⇒ Use the eight points of a compass, four and six-figure grid references, symbols and key (including the use of Ordnance Survey maps) to build their knowledge of the United Kingdom and the wider world.