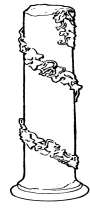


# Science: KS2

## Cemetery Science

On site and In school Activities: Teacher Notes



### Curriculum Links: Key Stages 1 & 2

Science –

- **Seasonal Change:** 1. Keep a diary of the changes you can see in the cemetery during the year.  
- **Living things:** 1. Minibeast Manouveres – use a magnifying glass to hunt for different types of minibeast. 2. Creature Clues – what evidence can you find to show that creatures have been here?  
3. Animal Detective – what evidence is there for animals? What would they eat and where would they live? 4. Happy Homes – looking for habitats. 5. Classify Me! - classify animals, plants, birds and insect into groups and then sort into a Carroll diagram. 6. Alive or Dead? - identify items that are alive, have been alive and are now dead, or have never been alive.

- **Materials:** 1. Materials Matter – what materials would you need to rebuild/repair the chapels?

- **Light:** Cemetery Shadows – explore what happens to shadows during the day

- **Plants:** 1. Plant Hunters - Draw a plant in its environment. 2. Label different parts of a plant. 3. Tree Trail – create a tree trail around the cemetery. 4/5. Tree Hunts – identify the most popular trees by looking more closely. 6. Treetastics Maths – work out the age of trees by measuring their circumference. 7. How tall is that tree? 4 different ways to work out the height of a tree. 8. Seed dispersal – think about how seeds are scattered around the cemetery.

- **Rocks:** Gravestones Rock! - identify types of rock used to make gravestones and keep a tally of the most popular rock used.

**Maths** – Collecting and interpreting data. Use any ideas from th maths section of this site and the Tally Sheet to create your own data collecting activity.

**Suggested prior knowledge:** Continuing scientific understanding across the Key Stages.

**Activity Objectives:** Through a series of related activities, to gain an understanding of the science around us in our everyday lives through real and meaningful activities. These activities are designed to be undertaken on site but some can be followed in the classroom.

**Key Vocabulary:** Included in specific activity information

**Introduction:** Provide a brief history of Lye and Wollescote Cemetery and Chapel and outline the reason for your visit linked to your chosen activity.

**Main Task:** All activities are linked to curriculum topics at Key Stages 1 or 2. Choose your activity from the files in this section. All activity worksheets and instructions can be found there.

**Plenary:** All activities will provide opportunities for further discussion and questioning.

**Suggested Follow up and Extension Activities:** Information and data gathered from activities will provide various opportunities for computing work and class display. Use what you have found out to influence creative writing and poetry activities. Why not send us examples of your work to be added to our website?

**Materials required:** Activity specific please see activity notes: General equipment could include:

Clip boards/ipads/digital cameras

Post-it notes/flip chart (in school)

Whiteboard/pencils/paper (in school)

**Useful websites:**

[www.stemclubs.net](http://www.stemclubs.net) - ideas for activities and experiments

[www.stemnet.org.uk](http://www.stemnet.org.uk) - activity ideas and support/training

[www.alliance4theblackcountry.co.uk](http://www.alliance4theblackcountry.co.uk) - local STEM co-ordinator contacts