

Subject	Computer Science
Term	Autumn 1
Duration (Approx)	7 Weeks
Module	Digital Literacy - Endangered Animals

Skills and concepts to be developed and assessed (linking to identified AOs)

- To research using the internet
- To save graphics
- To site images
- To download and install music
- To add layers to a picture
- To create a presentation for 2 target audiences
- Hyperlinks
- Animation
- Setting a standard format

Factual knowledge to be taught and assessed (including subject specific vocabulary).

- Setting up a standard format for presentation
- Why do we site images?
- Copyright

Formative Assessment/key piece of work prior to end of unit:

Saving images in graphics folder

Saving research in a word document

Summative Assessment:

2 presentations submitted one aimed at children
one aimed at adults



Building Retention: What prior learning must be built upon/revisited and how will it be assessed?

- Using skills from Key stage 2 when creating PowerPoint
- How can the internet be used for reliable research

Spelling-Punctuation-Grammar. How will you promote high standards within this module?

- Ensure spell check is used across all slides
- Using thesaurus when writing up information

Link forward: where next for the learning?

Make links in common software skills across the applications

Subject	Computer Science
Term	Autumn 2
Duration (Approx)	7 Weeks
Module	Using algorithms to create flowers in logo

Skills and concepts to be developed and assessed (linking to identified AOs)

- Understanding shapes
- Using simple code to draw squares and rectangles
- Create shapes in scratch using graphical programming
- Understanding external angles
- Writing algorithms to draw a variety of 2D shapes

Factual knowledge to be taught and assessed (including subject specific vocabulary).

- What is an algorithm
- Using logo
- Using scratch

Formative Assessment/key piece of work prior to end of unit:

- Scratch drawing shapes
- Print screen of code.org shapes
- Practice shapes in logo

Summative Assessment:

A logo flower garden with algorithms at the bottom showing which shapes used.



Building Retention: What prior learning must be built upon/revisited and how will it be assessed?

- Using scratch
- Software skills to use logo

Spelling-Punctuation-Grammar How will you promote high standards within this module?

Use spell check, encourage review of spelling and grammar when creating a professional document.

Link forward: where next for the learning?

Use this knowledge when writing code in python.