

FLOWERING PLANTS

TEACHER'S NOTES

Life Cycle of a Flowering Plant



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Teacher's Notes

These activities are designed to complement the topic 'Life Cycle of Flowering Plants' but may be used as stand-a-lone activities.

Activities available:

Flower Observation

A Hunting we will go

Fibonacci petal count

Investigation: 'Do insects prefer different coloured flowers?'

Flower Observation

This activity comes with an information worksheet showing cross-section of a flower and brief notes on life cycle of a flower giving function of each part plus choice of two flower observation worksheets.

A Hunting We Will Go

Complements the Seed Dispersal Days or as a stand-a-lone self guide. Looking for specific plants and their method of seed dispersal.

Fibonacci Petal Count

A maths/science activity to investigate if the Fibonacci sequence is correct.

In the early 1200's, an Italian mathematician Leonardo of Pisa (nicknamed Fibonacci) discovered the famous Fibonacci sequence.

1, 1, 2, 3, 5, 8, 13, 21...

to get the following number, add the sum of the previous two numbers For example, $1+1=2$ $2+3=5$ $3+5=8$ $8+13=21$

The Fibonacci sequence appears in many areas of nature. Fibonacci and the golden ratio can be found at VBG in:

Flower Petals, spirals in pine cones and cacti.

Investigation: Do insects prefer different coloured flowers?

Science and maths links

This can be adapted from insects to bees, ladybirds, butterflies according to time of year and conditions.

Many options available for follow up work at school such as pictograms and graphs.

Useful websites

http://www.bbc.co.uk/bitesize/ks2/science/living_things/plant_life_cycles/read/1/

Interactive labelling of a plant.

<http://resources.woodlands-junior.kent.sch.uk/revision/science/living/plants.html>

Interactive activities.

http://www2.bgfl.org/bgfl2/custom/resources_ftp/client_ftp/ks2/science/plants_pt2/

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Full range of activities and worksheets