

# Reproduction and life cycles: the flower, fruit and seeds

## CD for Part 1: Parts of a flower



CD for Part 1: Parts of a flower

The items on this CD are related to and should be used in conjunction with certain of the activities described in the booklet *Reproduction and life cycles: the flower, fruits and seeds*, Part 1: Parts of a flower

*The activities in the booklet and on the CD have been developed by SAPS (Science and Plants for Schools) in collaboration with FSC (Field Studies Council)*

## Introducing this CD

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The booklet *Reproduction and life cycles: the flower, fruits and seeds* is part of a series written to support work that must be undertaken with plants as part of the Primary Curriculum in England and Wales and in Scotland. The booklet is also available on the SAPS website ([www.saps.org.uk](http://www.saps.org.uk)) and can be downloaded freely for use by teachers with their classes.

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Some of the materials used in this booklet and CD have been obtained from individuals and organisations. In such cases every effort has been made to ensure that the necessary permissions to reproduce copyright material have been obtained. However, should any omissions be noticed we should be grateful if they could be brought to SAPS' attention.

## Acknowledgements

Science and Plants for Schools and the Field Studies Council are grateful for permission to include the following copyright material:

**Photographs.** All photographs are by John Bebbington FRPS.

**Artwork.** All artwork, including cartoons, is by Anne Bebbington.

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# Safety

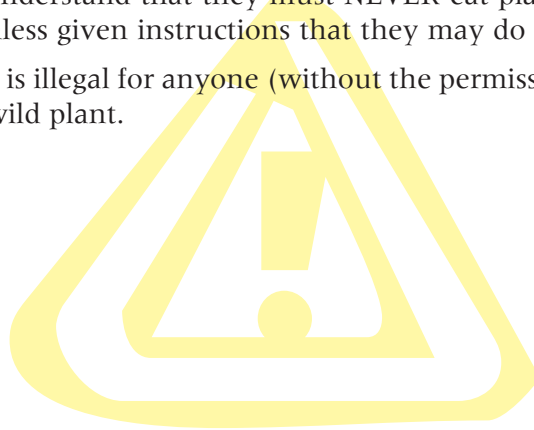
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Teachers using these activities with classes of Primary pupils are advised to refer to the SAPS Safety Notice on the SAPS website and to undertake their own risk assessment where appropriate.

Further information on safety may be found from the sources listed in the SAPS Safety Notice.

*Please remember...*

- When working with plants, pupils and teachers should ALWAYS wash their hands after handling plants (including seeds), soils, composts, manures, equipment and other related materials.
- Plants (or parts of plants) can be poisonous, cause allergic reactions in some people or may have been treated with chemicals (such as pesticides).
- It is particularly important that pupils understand that they **must NEVER** eat plants found in the wild or in the school grounds, unless given instructions that they may do so.
- Wild flowers should not be picked and it is illegal for anyone (without the permission of the landowner or occupier) to uproot any wild plant.



# Contacts

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Science and Plants for Schools (SAPS) works with teachers to develop new resources that support the teaching of plant science and molecular biology in schools and colleges.



## **Field Studies Council**

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The Field Studies Council (FSC) is an independent educational charity formed in 1943 to help people discover, explore, understand and be inspired by the natural environment... 'bringing environmental understanding to all'.

# CD (for Part 1)

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## Contents

(note that the relevant page in the booklet for the activity is given in brackets)

### Templates

- Flower parts for Building a flowering plant game (*page 14*)
- Card sets 1, 2 and 3 (*page 20*)
- Grids for bingo and splat (*pages 22 and 23*)
- Cards for taboo (*page 24*)

### Additional Background information for teachers (*page 27*)

- Asexual or vegetative reproduction
- Examples of dissected flowers
- Wallflower, Garden Pea

## Using the CD

### Converting templates into cards and other items

On the CD, templates are provided for certain items required for several of the activities in the booklet. The teacher can then make these up into the required form for use with children in the class. These items are listed in the Contents (above). In the booklet, reduced versions are given so that you can see at a glance what is available. The full-sized templates (A4) provided on the CD are also available on the SAPS website, usually as both pdf and Word files. You can download the pdf files and use them as they are, or you may prefer to adapt the Word files to your particular version of the game or activity.

Usually it would be appropriate to make your sheets out of lightweight card. To do this, print out the template and photocopy onto appropriately coloured card or paper. Alternatively you may be able to print directly onto the card. You can then make good durable sets by laminating the pages. When you have your whole page, you then cut out the cards or parts for use with your class. For some items, it might be a good idea to photocopy onto OHTs (e.g. bee's wings in "Building a flowering plant game").

### Additional Background information for teachers

The material on the CD (mainly drawings) supplements the background information given in the booklet. Further examples of dissected flowers are provided on the SAPS website, and teachers should refer to this as more are added in the future.