



Who Needs Pollinators?

Learning Objectives:

- Communicate; take part in conversation, share experiences, ideas and information
- Understand where our food comes from and the importance of insect pollinators
- Improve understanding of human impact on nature and the need to conserve wildlife habitat

Key Topics: Science, Art

Location: Indoors

Resources (optional):

Paper/pens/
White board
Paper plates
Coloured paper
Photos of food/play food

Key Words:

**Pollinator, Flower,
Pollen, Fertilisation,
Seed, Fruit**

Links to the National Curriculum Programmes of Study:

Science Y3-4: identify the function of different parts of flowering plants, explore the part that flowers play in pollination and seed dispersal, name a variety of living things in their local environment

Y5-6: describe the life process of reproduction in some plants, describe the differences in the life cycles of an insect and a bird, classifying animals based on specific characteristics i.e invertebrates

Art Key Stage 1 and 2: to improve their mastery of art and design techniques including painting and craft work.

Background

Could you imagine a world without chocolate? Many of the foods we eat rely on insects for their production. The aim of this session is to understand the importance of insect pollinators and which foods we would miss out on if they were to disappear.



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If you have not yet covered plant reproduction in class, explain the principles of pollination first and that some plants rely on insects for the transfer of pollen. Pollinator Tag is a fun way to introduce this topic.

Pizza Party!

Ask children to imagine that we are going out for pizza! Provide a base (paper plate), tomato sauce, cheese and a variety of toppings (produced from laminated coloured paper/scanned photos/clip art) and ask them to build their own pizza.

Next ask children to imagine that as a result of human activities such as habitat destruction and pesticide use, all the pollinators disappeared. How tasty would their pizza be then?

Go through each ingredient and discuss whether insects are involved in its production. If so, they must remove this ingredient from their pizza. At the end they should be left with a very unappetising looking meal!

Finish the session by explaining that pollinators are in decline in the UK and that it is important that existing habitats are protected. Explain that we can help by providing more food and shelter for pollinators, in the form of meadows, wildlife gardens and bug hotels.

