



# Adapting the 8-11 INNOVATION SESSION for 4-7 years

This lesson is designed to introduce children to the concept of innovation. It highlights ways in which they might use innovation in their everyday lives and gives them the opportunity to consider how some household products may have been designed.

The Learning objectives and outcomes will be similar across the primary years. These adaptations for using the lesson plan with 4-7s focus on introductions to activities and setting the scene for their small group work. The extension of some of the activities may mean splitting this lesson plan into two or three parts.

## Teaching the Unit (page 3)

### Whole class work (classroom)

- Innovation: Explain that people have new ideas and also develop existing ideas. Coming up with an original idea is not easy.
- How do people come up with ideas? Often they start with a problem and identify a way to solve it. (link to next activity).

### Whole class work (school hall or playground)

- Two warm up activities with balls: Passing activity using feet and moving to touch ball while it stays in the same place.

## Teaching the Unit (page 4)

### Paired work

- Ages 4-5: Present the children with the full range of materials, labelled. Give them the opportunity to handle them and describe their properties. How do they look and feel? Relate the materials to their everyday uses: 'A plastic spoon/sticky tape/clothes peg/string is for...'
- Ages 6-7: Present the children with the full range of materials. Ask them to explain ways they might attach one material to the other, and what ways don't work. What are the best materials and method to make a basket or hold papers together or attach felt to a pipe cleaner?

## Teaching the Unit (page 5)

### Plenary

#### Everyday products (Resource Sheet)

- Present pictures of the Anywayup Cup and the Wind-Up Radio: Ask children what they are.
- Tell children what the problem was: Ask children to describe how the innovative product provides a solution.
- Mind mapping: focus children on the different stages of getting up and out of the house in the morning, or on the school schedule.