

Everyday Materials: Lesson 3

Sorting and Classifying Science KS1 Year 1



Everyday Materials: Sorting and Classifying

Science

**Key Stage 1
Year 1**

Learning Aim:

- learning how to group different everyday objects and materials according to their properties

Curriculum Link:

- compare and group together a variety of everyday materials on the basis of their simple physical properties

Keywords

Object. Material. Properties.

These can also be found in printable format at the end of this lesson for your learning wall. They are also supplied on lessons 1 and 2.

Object

Material

Properties



This lesson requires a selection of real objects in the classroom, so that children can carry out the classifying activities, both as a class under the teacher's guidance, then in groups independently. You may wish to reflect the objects in the PowerPoint, which are:

- School notebook
- Metal spoon
- Wooden spoon
- Plastic spoon
- Plastic cup
- Plastic bag
- Pencil
- Toy car
- Twigs
- Post-it notes (or similar) for the children to label the objects in the classroom
- Hoops (if your school has them, to help with classification into groups)

PowerPoint Presentation

The accompanying PowerPoint has the following learning points:

- Slides 1 and 2 introduce the lesson.
- Slide 3 recaps the meaning of the terms **object**, **material** and **properties**.
- Slide 4 introduces the concept that objects can be made of more than one material.
- Slide 5 asks the children to look around the classroom and try to identify objects made of more than one material.
- Slide 6 looks at two objects found in the classroom (a chair and a school shirt) which are made of more than one material.



Activity

- Slide 7 asks the children to label objects in the classroom with their materials, and to talk about the different properties of each material. You can use the post-it notes (or other labels) for this activity.
- Slide 8 shows a range of objects made from different materials and explains that they need sorting into categories based on the materials they are made of. This is an opportunity for classroom discussion before the following slide reveals the answer.
- Slide 9 demonstrates the objects now sorted into the categories based on the material they are made of.
- Slide 10 demonstrates the same objects now sorted into three properties: **rough, bendy, shiny**.

Class Activity

- Slide 11 asks the children to collect the notes which labelled the different materials in the earlier activity. The children then sort these labels into the categories of the respective materials. You could use the sorting hoops to help the children organise the labels.

Group Activity

- Slide 12 asks the children to work in groups and sort the same labels, this time into categories of the respective properties. Again, you could use the sorting hoops to help the children organise the labels.

This lesson does not require worksheets. However, you can take photographs and make notes of the vocabulary used by the children as evidence of their learning.



Everyday Materials: Keywords Flashcards



Object	Material	Properties



Object



Material



Properties

