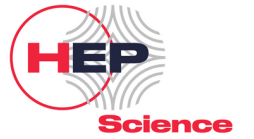


# YEAR 1 SPRING 1 EVERYDAY MATERIALS - SCIENTIFIC ENQUIRY OVERVIEW



Lesson 1	Lesson:	Objectives:	Scientific Enquiry:	Equipment:
1	<b>Lesson 1: What Is It Made Of?</b>	<ol style="list-style-type: none"> <li>1. Name objects we use</li> <li>2. Spot different materials</li> <li>3. Match objects to materials</li> </ol>	Observing closely using simple equipment; Identifying and classifying materials; Using observations and ideas to suggest answers to questions about what objects are made from.	Large cardboard box with hand holes (mystery box); Collection of common objects: Wooden block, Metal spoon, Plastic toy, Glass marble, Fabric square; Collection trays; Recording sheets
2	<b>Lesson 2: Is It Hard or Soft?</b>	<ol style="list-style-type: none"> <li>1. Feel materials</li> <li>2. Test materials</li> <li>3. Sort hard and soft objects</li> </ol>	Performing simple tests by pressing materials; Using observations to compare objects; Identifying and classifying based on properties.	Two feely bags (different colours); Hard items collection; Soft items collection; Sorting hoops; Testing mat
3	<b>Lesson 3: Is It Rough or Smooth?</b>	<ol style="list-style-type: none"> <li>1. Feel surfaces</li> <li>2. Test surfaces</li> <li>3. Sort objects by texture</li> </ol>	Observing closely using simple equipment; Performing simple tests by making rubbings; Gathering data to help answer questions about textures.	Mystery box with hand holes; Rough and smooth items; Paper for rubbings; Crayons/pencils
4	<b>Lesson 4: What Keeps Us Dry?</b>	<ol style="list-style-type: none"> <li>1. Find objects that keep water out</li> <li>2. Test objects</li> <li>3. Sort waterproof and absorbent materials</li> </ol>	Performing simple tests with water; Observing closely and using simple equipment; Using observations to answer questions about which materials are waterproof.	Coloured water; Droppers/spoons; Testing materials; Trays; Sorting sheets
5	<b>Lesson 5: What Looks Shiny?</b>	<ol style="list-style-type: none"> <li>1. Spot shiny objects</li> <li>2. Test objects with light</li> <li>3. Sort shiny and dull objects</li> </ol>	Observing closely using simple equipment (torches); Identifying and classifying based on appearance; Using observations to suggest answers about which materials are shiny.	Torches; Shiny and dull objects; Decorative materials; Recording sheets
6	<b>Lesson 6: Which material is best?</b>	<ol style="list-style-type: none"> <li>1. Choose right materials</li> <li>2. Match materials to their uses</li> <li>3. Solve material problems</li> </ol>	Using observations and ideas to suggest answers to questions about material choices; Identifying and classifying materials based on their properties; Gathering and recording data.	Example objects; Material samples; Problem-solving sheets