

Seaside Objects : Science : Year 1

	Learning Objective	Overview	Assessment Questions	Resources
Lesson 1	To be able to identify a variety of common materials.	Children will learn what different materials are. They will name seaside objects while thinking about the material they are made from and their properties. The children will be encouraged to group the objects in a variety of ways	<ul style="list-style-type: none"> • Do children know what a material is? • Can children identify a variety of common materials? • Can children describe what different materials feel like? 	<ul style="list-style-type: none"> • Slides • Worksheet 1A • Materials Cards • Description Cards • Picture Cards (FSD? activity only) • Labels Cards (FSD? activity only)
Lesson 2	To explore wooden objects and their properties.	Children will explore and describe the material wood and identify different things it is used for. They will develop their scientific thinking skills when asking and answering questions about wooden seaside objects.	<ul style="list-style-type: none"> • Can children identify a variety of common materials? • Can children describe the material wood? • Can children talk about the properties of wood relating to its purpose? 	<ul style="list-style-type: none"> • Slides • Picture Cards 2A/2B/2C • Information Sheet 2A/2B/2C • Making Cards (FSD? activity only) • Investigation Cards (FSD? activity only)
Lesson 3	To explore rock, its forms and its properties.	Children will identify some common forms of rock as well as thinking about where they have seen it in its natural form. They will look closely at rocks when sorting and describing them. The alternative activity sees the children investigating sand, comparing how it feels and changes when water is added to it.	<ul style="list-style-type: none"> • Can children identify a variety of common materials? • Can children describe the material rock? • Can children talk about the properties of rock relating to its purpose? 	<ul style="list-style-type: none"> • Slides • Sorting Cards • Blank Sorting Cards • Worksheet 3A • Description Cards • Word Bank • Investigation Sheet 3A/3B (FSD? activity only)
Lesson 4	To explore plastic and how it can be used depending on its properties.	Explore plastic and the many different forms and purposes it has with your class. Your children will begin by identifying and describing some common seaside objects that have different properties. They will be encouraged to think carefully about why a product's purpose affects the properties the material needs.	<ul style="list-style-type: none"> • Can children identify a variety of common materials? • Can children describe the material plastic? • Can children talk about the properties of plastic relating to its purpose? 	<ul style="list-style-type: none"> • Slides • Worksheet 4A/4B/4C • Sorting Cards • Blank Sorting Cards
Lesson 5	To recap what we have learnt about seaside materials.	Recap everything that you have learnt about seaside materials, by encouraging your class to think about the purpose and properties of different objects. Your class can identify objects being described or they can be challenged to make one of two seaside objects, thinking carefully about the materials they should use. This final lesson ends with an end of unit quiz.	<ul style="list-style-type: none"> • Can children identify a variety of common materials? • Can children describe a variety of materials? • Can children explain the purpose of an object? 	<ul style="list-style-type: none"> • Slides • Picture Board A/B • Crossword Sheet • Challenge Cards A/B (FSD? activity only)