

What are toys made from? : Science : Year 1

	Learning Objective	Overview	Assessment Questions	Resources
Lesson 1	To be able to identify and name a variety of everyday materials used to make toys.	Children will learn what different materials are. They will explore and name toys 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 • Special toy box, selection of toys, magnifying glasses • Material Headings • Description Cards • Worksheet 1A/1B • Toys • Scavenger Hunt Sheet (FSD? activity only) • Label Cards
Lesson 2	To explore and describe wooden toys 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 toys and 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 • Worksheet 2A/2B/2C • Label Cards (FSD? activity only)
Lesson 3	To explore and describe plastic toys and their 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 toys 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 3A/3B • Toys • Sorting Cards (FSD? activity only) • Blank Cards
Lesson 4	To explore and describe metal toys and their properties.	Children will identify a variety of toys that are made from metal and consider why the properties of metal make it a suitable material for certain toys. They will also start to look at toys that are made from more than one material and why this happens and enjoy sorting toys into material categories.	<ul style="list-style-type: none"> • Can children identify a variety of common materials? • Can children describe the material metal? • Can children talk about the properties of metal relating to its purpose? 	<ul style="list-style-type: none"> • Slides • Worksheet 4A/4B/4C/4D • Toys A/B/C/D • Deconstructing Toys A/B (FSD? activity only)
Lesson 5	To explore and describe fabric toys and their properties.	Children will look at toys that are made from fabrics and use words such as 'soft', 'smooth', 'fuzzy', or 'fluffy' to describe them. They will complete sentences choosing the appropriate material word to complete them and enjoy playing a materials sorting game.	<ul style="list-style-type: none"> • Can children identify a variety of common materials? • Can children describe the material fabric? • Can children talk about the properties of fabric relating to its purpose? 	<ul style="list-style-type: none"> • Slides • Worksheet 5A/5B/5C • Statement Cards • Game Cards A/B (FSD? activity only)
Lesson 6	To recap what we have learnt about what materials toys are made from.	Recap everything that you have learnt about what materials toys are made from, by encouraging your class to think about the purpose and properties of different toys. Your class can identify toys being described or they can be challenged to create a toy safety poster, thinking carefully about the materials used and possible dangers. This final lesson ends with an end of unit quiz.	<ul style="list-style-type: none"> • Can children identify a variety of everyday materials and describe their properties? • Can children distinguish an object from the material from which it is made? • Can children identify materials that are suitable for a particular purpose? 	<ul style="list-style-type: none"> • Slides • Picture Board A/B • Crossword Sheet • Toy Safety Poster A/B (FSD? activity only) • Magnifying Glasses (FSD? activity only)