

Investigating floating and sinking adult led activity progression document

Birth to three- babies, toddlers and young children will be learning to:	3 and 4-year-olds will be learning to:	Children in reception will be learning to:	Early Learning Goal:
Compare sizes, weights etc. using gesture and language - 'bigger/little/smaller', 'high/low', 'tall', 'heavy'.	Make comparisons between objects relating to size, length, weight and capacity.	Compare length, weight and capacity.	Mathematics ELG: Numerical Patterns – Compare quantities up to 10 in different contexts, recognising when one quantity is greater than, less than or the same as the other quantity;
	Talk about and explore 2D and 3D shapes (for example, circles, rectangles, triangles and cuboids) using informal and mathematical language: 'sides', 'corners'; 'straight', 'flat', 'round'		Mathematics: shape, space and pattern
Notice differences between people.	Show interest in different occupations.	Name and describe people who are familiar to them.	Understanding the World ELG: Past and Present – Talk about the lives of the people around them and their roles in society;
Explore and respond to different natural phenomena in their setting and on trips.	Talk about what they see, using a wide vocabulary.	Describe what they see, hear and feel whilst outside.	Understanding the World ELG: People, Culture and Communities – Describe their immediate environment using knowledge from observation, discussion, stories, non-fiction texts and maps;

The marine engineer

Birth to three- babies, toddlers and young children will be learning to:	3 and 4-year-olds will be learning to:	Children in reception will be learning to:	Early Learning Goal:
	Talk about what they see, using a wide vocabulary.	Explore the natural world around them.	Understanding the World ELG: The Natural World – Know some similarities and differences between the natural world around them and contrasting environments, drawing on their experiences and what has been read in class;
Repeat actions that have an effect. Explore natural materials, indoors and outside Explore collections of materials with similar and/or different properties. Explore and respond to different natural phenomena in their setting and on trips.	Use all their senses in hands-on exploration of natural materials. Talk about what they see, using a wide vocabulary. Talk about the differences between materials and changes they notice. Explore and talk about different forces they can feel.	Explore the natural world around them.	Understanding the World ELG: The Natural World – Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.

Early Learning Goals taken from: Early Years Foundation Stage Profile 2023 Handbook – Department of Education © Crown copyright 2022

Birth to reception taken from: Taken from: Development Matters Non-statutory curriculum guidance for the early years foundation stage – Department for Education © Crown copyright 2021

<https://www.nationalarchives.gov.uk/doc/open-government-licence/version/3/>

The marine engineer