

Is it shiny?



All that glitters is not gold! Is it shiny? Does it sparkle? It's time to find out more about materials and their properties.

This half term, we'll hunt for missing treasure and discuss whether the treasure we find is shiny or not. We'll watch how shiny objects catch the Sun when we hang them outside, and we'll group and sort different objects. From what are they made? For what are they used? Looking at different types of mirrors, we'll investigate how our reflections look different in each one. We'll also find out about stars and how to clean tarnished copper coins. In literacy, we'll sing and play triangles along to the nursery rhyme, *Twinkle, Twinkle, Little Star*, and we'll use tools to write letters and numbers in foil. Using our maths skills, we'll write numbers in sequins and build structures out of shiny 2-D and 3-D shapes, naming the shapes and sorting them by size. Getting creative, we'll become glitter monsters as we explore the texture and appearance of glitter, bake a batch of firework cookies, make space rocks and mould twinkle lamps out of clay.

At the end of the project, we'll look back on what we've learnt about shiny and non-shiny objects, make a display out of our twinkle lamps and create wind spinners out of old CDs and other shiny items. Where will we hang them so they sparkle the most?

Language, literacy and communication skills	Oracy; Reading; Writing
Mathematical development	Developing numerical reasoning; Using number skills; Using measuring skills; Using geometry skills; Using data skills
Personal and social development, well-being and cultural diversity	Personal development; Social development; Well-being
Knowledge and understanding of the world	Myself and non-living things
Physical development	Personal; Adventurous and physical play
Creative development	Art, craft and design; Creative movement

Help your child prepare for their project

Let it shine! Why not open a jewellery box and explore the treasures inside together. Which item is the shiniest? From what is it made? You could also take a walk around a local pond or lake on a sunny day. What can you see reflected on the surface of the water? How does the appearance of the water change when the Sun goes behind a cloud? Alternatively, research which natural materials are the most valuable. Are they shiny?