

# Reception to Year 2 weekly challenges



## Investigation

Choose a challenge to complete. You could also ask an adult to share your challenge on Twitter @Cornerstonesedu or Instagram @cornerstonesedu.



### Shadow play

Place a toy on paper or card in a sunny spot. Draw around your toy's shadow at different times of the day. Label the time on each drawing. Investigate and record what happens to the shape, position and size of the shadow over time.



### Bird bathers

Make a bird bath using a shallow container and stones or gravel. Investigate and observe the birds that visit your bath. What do they do? Can you name and draw your favourite birds? The RSPB has a useful website to help you with identification.



### Listen up!

Find somewhere to sit for 30 seconds. Keep very still and listen. Investigate the sounds that surround you. What did you hear? Draw or write them down. Listen again in a different location. Ask an adult to help you sort the natural from man-made sounds.



### What's in a bud?

Ask an adult to help you find twigs with buds. Cut or peel the layers to investigate what's inside a bud. Draw and label the parts of your twigs and buds. Investigate how many different types of buds are in the outdoor space around you.



### Toppling towers

Make free-standing towers using a range of materials including boxes, construction kits or recycled items. What is the tallest tower you can make? Which tower is the sturdiest?



### Making connections

Collect six items from around your house. Write or draw a story map to tell a story that connects all six items. Read your story to an adult. What do they think?