

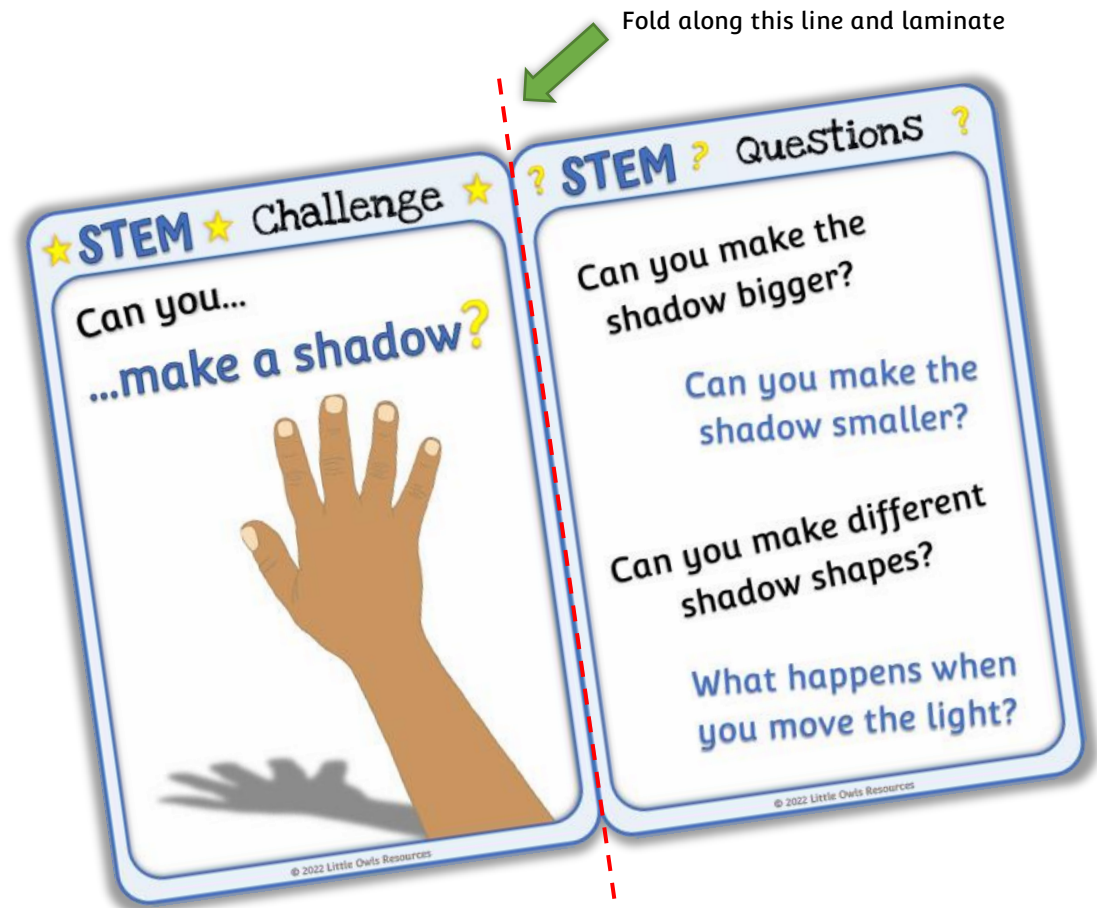
STEM

Challenge cards (sample)

These cards are to be used as prompts for a **STEM** session.

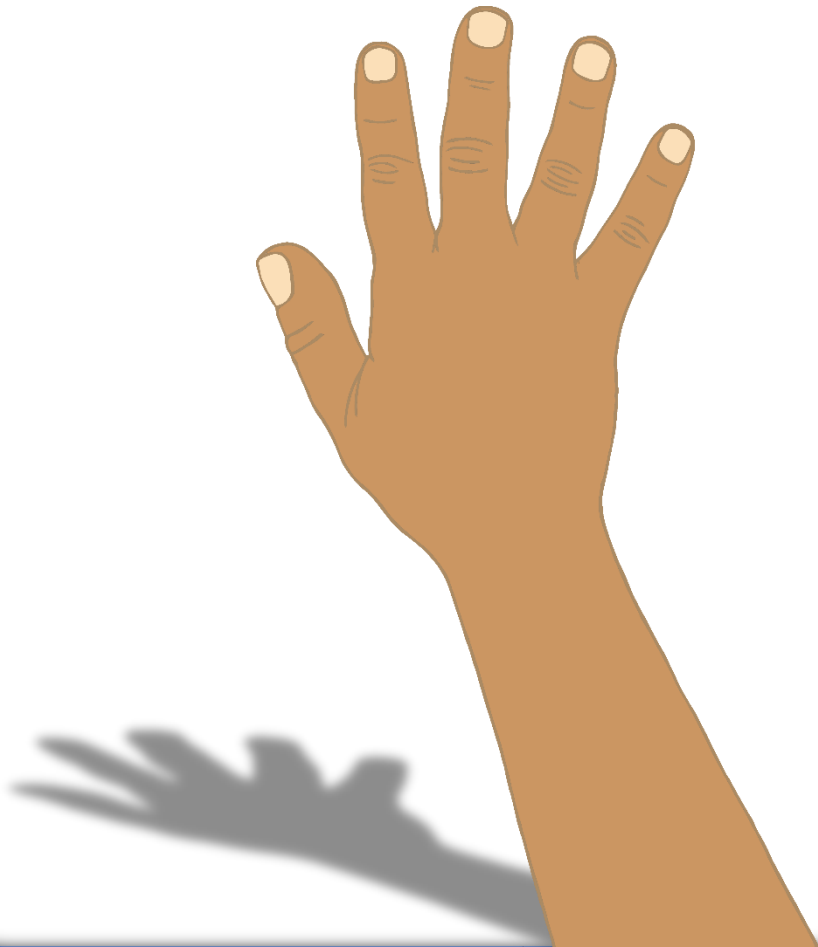
(**S**cience **T**echnology **E**ngineering and **M**athematics)

The challenges are intended to be open ended and non-specific to encourage independent thinking in the children.



★ STEM ★ Challenge ★

Can you...
...make a shadow?



? STEM ? Questions ?

Can you make the shadow bigger?

Can you make the shadow smaller?

Can you make different shadow shapes?

What happens when you move the light?

★ STEM ★ Challenge ★

Can you...
...investigate
minibeasts outdoors?



? STEM ? Questions ?

Can you find a
minibeast?

*How many legs does
it have?*

What is the minibeast
doing?

*How is it different
from other minibeasts?*

★ STEM ★ Challenge ★

Can you...

...build a ramp for toy cars
(to go down safely)?



? STEM ? Questions ?

What happens if the
ramp is a steeper slope?

*What happens if the ramp
is a gentler slope?*

Does the type of car
make a difference?

*Why does the car
move?*

★ STEM ★ Challenge ★

Can you...

? STEM ? Questions ?