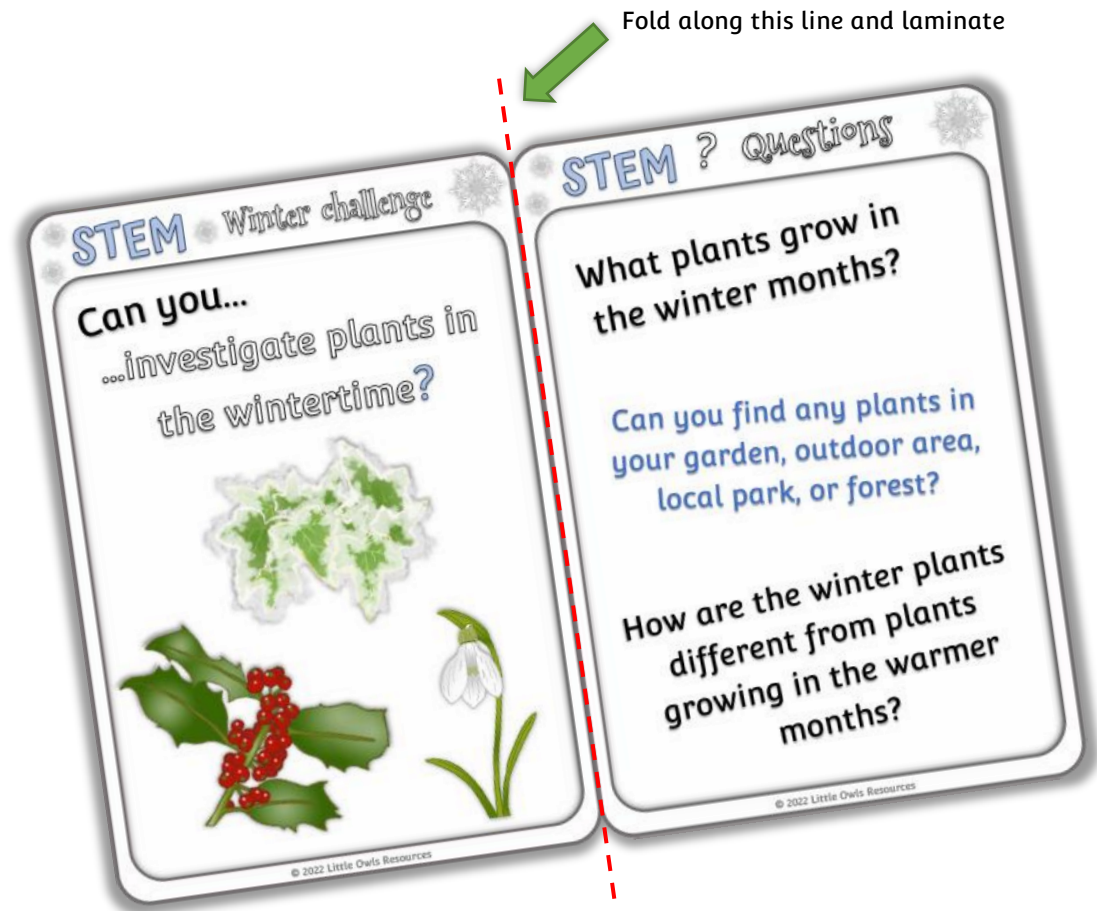


# STEM Winter challenge cards (sample)

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

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

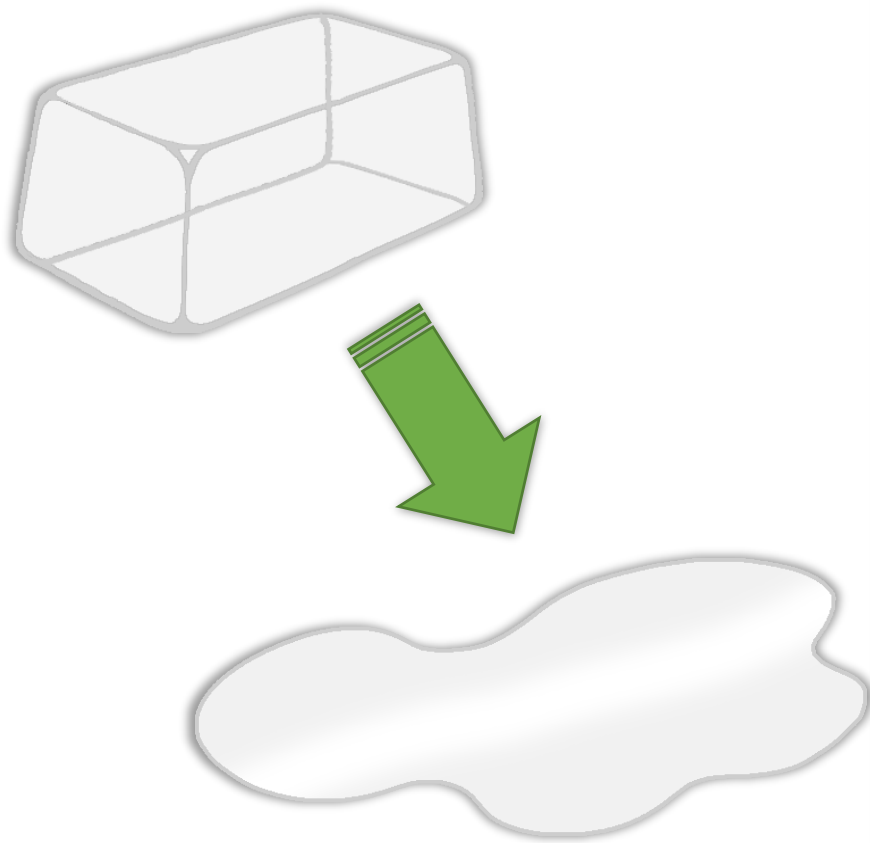
The challenges are intended to be open ended and non-specific to encourage independent thinking in the children.



# STEM Winter challenge

Can you...

...melt ice?



# STEM ? Questions

Was your ice found outside on a very cold day or was it created in a freezer?

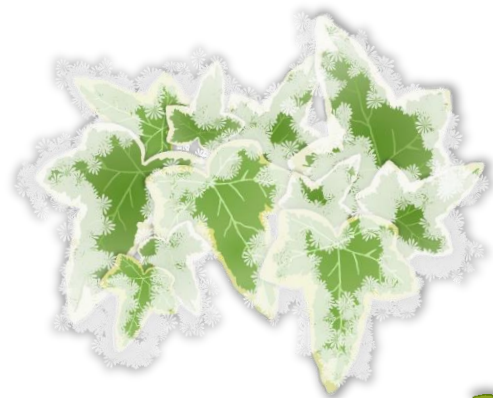
How long did it take you to melt your ice?

Do you think you could melt it any quicker next time? What could you change to speed it up?

# STEM Winter challenge

**Can you...**

**...investigate plants in  
the wintertime?**



# STEM ? Questions

**What plants grow in  
the winter months?**

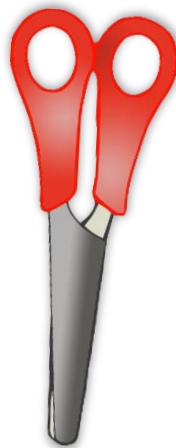
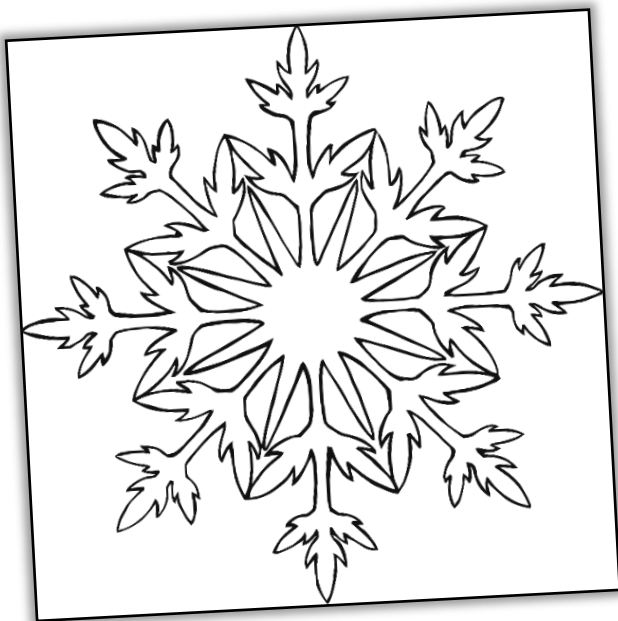
*Can you find any plants in  
your garden, outdoor area,  
local park, or forest?*

**How are the winter plants  
different from plants  
growing in the warmer  
months?**

# STEM Winter challenge

Can you...

...make a paper snowflake?



# STEM ? Questions

How can you make a paper snowflake? Ask an adult to help you.

What shapes do you see in your snowflake?

**STEM** ❄️ Winter challenge ❄️

**Can you...**

**STEM ?** ❄️ Questions ❄️