STEM

Graphical user interface, text, application, chat or text message

Description automatically generatedA picture containing stool, seat

Description automatically generatedA white circle with a black background

Description automatically generated with low confidence

**Winter challenge cards (sample)**

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

(Science Technology Engineering and Mathematics)

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

Fold along this line and laminate

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Can you…

**…melt ice**?

**Winter challenge**

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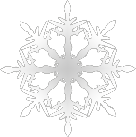
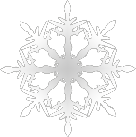
**Questions**

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?

?



A picture containing plant, flower

Description automatically generatedA close-up of a plant with red berries

Description automatically generated with low confidenceMap

Description automatically generated

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Can you…

**…investigate plants in the wintertime**?

**Winter challenge**

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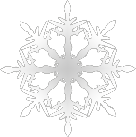
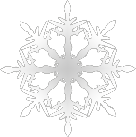
**Questions**

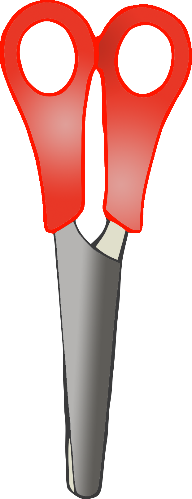
What plants grow in the winter months?

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?

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Can you…

**…make a paper snowflake**?

**Winter challenge**

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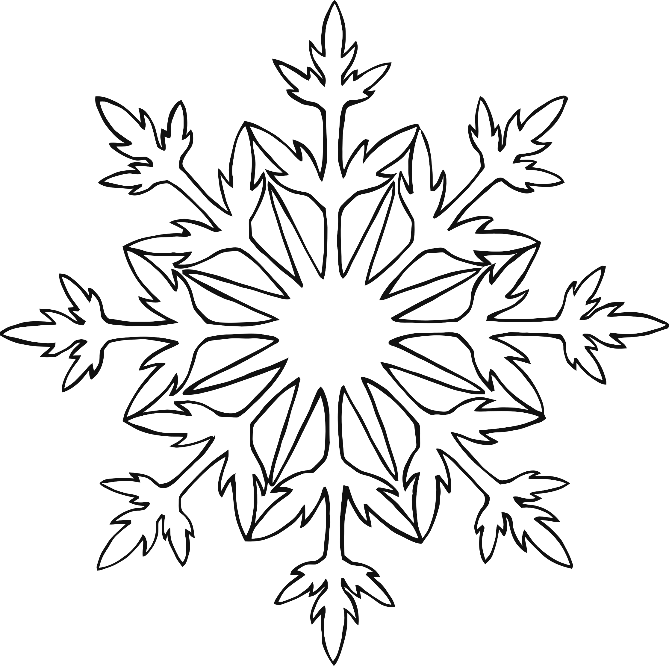
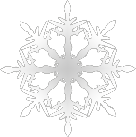
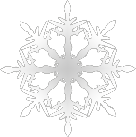
STEM

**Questions**

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

What shapes do you see in your snowflake?

?



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Can you…

**Winter challenge**

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**Questions**

?

