

# SMRP KNOWLEDGE ORGANISER YEAR 1—Everyday Materials and Seasonal Change

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## What happens in Winter?



As the seasons change from Autumn to Winter it gets colder still.

The day gets shorter and the nights get longer. The weather may be windy, rainy and chilly and sometimes it also snows.

Science	Vocabulary
Word	Definition
winter	the coldest season of the year
dark	Dim: dull, not bright
light	Makes us see the world around us
deciduous	Trees and shrubs that lose their leaves in winter.
evergreen	a plant that has leaves throughout the year.

## Science Knowledge

- An object is a thing that is made of **one or more material**. A spoon is an object and it is made of metal. Rubber boots are an object and they are made of rubber
- Each material can be used to make a lots of different things; for example, wood can be used to make tables, chairs, spoons, pencils.
- An object can be made out of different materials used together; for example, a chair can be made from metal and wood and

Properties	Example	Using our Science Vocabulary to Explain our Thinking
<b>Rigid/Hard/Strong</b>		A table is rigid so it can hold things on top. If it was flexible everything will fall.
<b>Flexible</b>		A shoe is flexible so I can put my foot in and I can walk. It would be VERY difficult to walk in rigid shoes.
<b>Transparent</b>		A bus shelter is transparent so passengers can see the bus coming. Glass also keeps rain and snow from coming in.

Science	Vocabulary
Word	Definition
<b>properties</b>	Words to describe what a material is like.
<b>bendy</b>	Objects that bend. For example a straw.
<b>rough</b>	having an uneven surface; not smooth.
<b>smooth</b>	not rough or uneven in surface a smooth board
<b>waterproof</b>	Does not let water in
<b>opaque</b>	Not be able to be seen through.
<b>translucent</b>	letting only some light through
<b>transparent</b>	Light completely passes through it.
<b>absorbent</b>	Soaks up liquid easily