

Rescue the Toy! Ice Experiment



Freeze some small toys in 8 containers filled with water in the freezer or if the weather is cold enough try it outside! How can we free the toys? Add your ideas on the ice experiment sheet on the page below, can you predict what will happen, which way do you think will be quickest? Think about why and they worked and did not work!

Find Out! – Animals in Winter

Watch this BBC clip to see changes through the winter. <https://www.bbc.co.uk/teach/class-clips-video/science-ks1-ks2-winter-weather-behaviour-british-animals-plants/zbcg92p> Find out more about animals in winter here <https://www.youtube.com/watch?v=l6NX7l8gO44>

(adults please explain that some of these animals do not live in the UK)

Challenge – Use what you have learnt to write a non-fiction page about animals in winter. Print and use the page below



Hunt for Winter

Go on a winter walk, what do you see, what can you find, how does it feel? Have a go at the printable Winter Scavenger Hunt on the school website



Winter Challenge Board



Winter Bakes!

Have a go at some home baking with these great recipes, lots to choose from! Don't forget to take a photo before you eat them all!

<https://www.bbcgoodfood.com/recipes/collection/christmas-kids>



Make a Winter Coat for a Teddy Bear

Think about which materials you would use. Does it need to be waterproof? reflective? bendy? soft? flexible? hard? Design and make a coat for a teddy bear to wear outside in winter. Test your coat to see if it is fit for purpose. Evaluate your coat. Did it work? What would you change next time?



Snowflakes

Listen to this snowflake story

...

<https://www.youtube.com/watch?v=ckyc4J3kZg>

Learn about the science of snowflakes here

<https://www.youtube.com/watch?v=M48RfaWcWA>

Have a go at making some paper snowflakes, what different patterns can you cut? Use the guide on the school website to help you



Winter Adventures

Listen to this story about a hedgehog in winter

<https://www.youtube.com/watch?v=YBKfbo60jll>

Can you write about a winter's day? Perhaps write about a winter walk or a winter day out. You could imagine a story to write about a person or animal on a winter's day if you prefer. If you are stuck write some sentences to tell what is happening in the winter story on one of the pages below



Winter Poem

Create your own acrostic poem based on Winter, or something wintry, e.g. snowflake, frost. Look at the examples on the page below and think of some ideas for yourself. There is also a page to print and use to write it. Remember each line must start with that letter for e.g. W could be wet, windy, weather.



For examples and pages to use, see the pages below!

Make a non-fiction page or mini book all about Winter. Use the All About Winter presentation on the website to help you

Watch and read the story "One Snowy Night", a Percy the Park Keeper story by Nick Butterworth. Where would the animals find a place to sleep in your house?

<https://youtu.be/vChCLsf6DE>

Collect some evergreen leaves to make artworks with. You could stick, paint or take rubbings from them.

Have a go at some of these fun online maths games

ICT games - [ictgames](http://ictgames.com) | [html5 Games Page](http://html5games.com)

Design your own gloves! Draw around your hands to get the right shape and then add patterns or pictures. You could design a hat and scarf to go with them!

Go on a shape hunt
Recognise 2d and 3d shapes inside and outside your house.

Make your own winter wordsearch for someone else to solve!

t	a	n	s	t	a	b	l	e	b	p	t	•	ogon
p	g	h	z	o	r	b	m	b	l	u	a	•	200
x	f	i	l	s	z	x	a	e	r	c	s	•	hatched
j	b	a	b	y	m	r	t	t	y	e		•	gum
q	j	k	h	l	p	y	h	h	p	i		•	hatched
h	j	u	u	a	n	g	e	l	s	d	e	•	play
e	e	w	t	q	a	o	r	e	z	x	y	•	month
v	a	a	h	d	i	l	e	h	r	k	u	•	stick
a	u	p	t	d	a	d	t	e	b	k	x		
m	s	t	p	k	n	o	n	m	u	z	x		
f	r	a	n	k	i	n	c	e	n	s	e		
e	j	a	n	m	y	r	h	h	g	h	n		

Create a new Winter animal – remember all the characteristics it will need to be able to survive in Winter! Draw your animal, where it lives and the food it eats. Remember to label your ideas!



W

I

N

T

E

R











ICE

science experiment

How can we free the toys from the ice?



What I will do	What I think will happen. Do I think it will work?	What happened?	Why do I think that happened?	Did it work? Tick or X
Smash it with something h 				
Hold it in my hands 				
Put it outside 				
Put it inside 				
Put it by a heater 				
Put it in the fridge 				
Your idea				
Your idea				

Adults- if your child is finding the writing hard please feel free to write in what they say



