

	Year 6	Year 7	Year 8
Art	These images are all from the photographic album 'The Art of the Snowflake' by Kenneth Libbrecht. Because the number of deuterium atoms varies in each snowflake, as does their placement within the ice crystal, no two snowflakes can be identical. Factors including temperature, speed, path and humidity affect each snowflake's unique shape as it forms while falling toward the ground. Copy one of the images in the files, or better still... create your very own snowflake design. Use any combination of materials you have at hand or create it out of snow and photograph it!		
Computing	Spend some time on one, or more of the following: Typing Club https://www.typingclub.com/ , Pixel Art https://www.pixilart.com/draw or Code.org https://studio.code.org/s/20-hour Alternatively, if you don't have access to a device, complete the booklet here. There is no need to print the materials.		Spend some time on one, or more of the following: Binary Number Game https://learningnetwork.cisco.com/s/binary-game , Typing Club https://www.typingclub.com/ , CyberGames (challenges) https://cybergamesuk.com/cybergames Alternatively, if you don't have access to a device, complete the booklet here. There is no need to print the materials.
Design Technology		Complete one of the projects or tasks from the files below to develop your creative thinking skills. There is no need to print the work if you are unable to.	
English	Read for thirty minutes. Complete a storyboard on what you have read (six boxes with pictures and a key sentence). Use Spelling Frame/Year 6 SATs Bootcamp for thirty minutes if technology available. Log-ins are in learning journals.		Read for thirty minutes and then create a journal page about your reading focused on plot, character, setting, themes or language. You must use pictures, words, quotations and creativity.
Food Preparation and Nutrition	Choose one of the following tasks: <ul style="list-style-type: none">- Draw a cake design that incorporates a wintery theme.- Equipment treasure hunt: find a piece of equipment in your kitchen beginning with each letter of the alphabet.- Look in your fridge/ cupboards and pick 5 ingredients. Design a recipe that incorporates those ingredients. As an extra make it for your lunch/evening meal. Share images of your work with us!		
French	Visit Linguascope.com – login details are in your learning journal. On the home page, (student portal) , scroll down and select 'LinguaMove' . You can select any theme to sing and move along to: a great way to revise key vocabulary!		
Geography	Visit www.bbc.co.uk/weather or watch a weather report on tv through e.g. Newsround. Identify for our local area: <ul style="list-style-type: none">- The weather for today- The weather forecast for the next three days- Reasons why it is snowing		

	<ul style="list-style-type: none"> - Who benefits from it snowing? - What disruptions have there been from the snow, where and why? - What is being done to make life easier for the public in this weather? <p>Check out the latest environment news: https://www.bbc.co.uk/newsround/videos/cn007drpeq5o</p> <p>Complete some geography quizzes and games here: https://www.bbc.co.uk/bitesize/subjects/zrw76sg</p>	
History	<p>Make a 'Horrible Histories' style page about your current/ most recent topic. These books are interesting, fun and colourful, but always based on facts.</p> <p>To help with the 'style' either look at a Horrible History book (if you have one) or check out an episode (based on your current topic). https://www.bbc.co.uk/iplayer/episodes/b00sp0l8/horrible-histories</p> <p>This website may be helpful to you in finding suitable information. https://www.bbc.co.uk/bitesize/subjects/zcw76sg</p>	<p>Make a 'Horrible Histories' style page about your current/ most recent topic. These books are interesting, fun and colourful, but always based on facts.</p> <p>To help with the 'style' either look at a Horrible History book (if you have one) or check out an episode (based on your current topic). https://www.bbc.co.uk/iplayer/episodes/b00sp0l8/horrible-histories</p> <p>(if using BBC iplayer, make sure you have permission)</p> <p>These websites may be helpful to you in finding suitable information. https://www.bbc.co.uk/bitesize/subjects/zk26n39 http://www.historyonthenet.com/ http://www.schoolhistory.co.uk/</p>
Mathematics	Complete the relevant tasks from the files below. There is no need to print the work if you are unable to.	
Music	<p>Snow Day music activities: Vivaldi 'Winter' from The Four Seasons. Visit the following website: https://www.bbc.co.uk/teach/ten-pieces/articles/zf98bdm</p> <p>The musical sounds created by Vivaldi were deliberately planned to suggest the season of winter. The music brings images to life through clever use of different timbres of instruments: (sounds of different instruments) the icy wind is created by rushing runs of violin notes creating a swirling movement; leaping violin notes give a sense of people stamping; chattering teeth are represented by repeated fast notes of the solo violin.</p> <p>Complete any of these activities</p> <ol style="list-style-type: none"> 1. Listen to 'Winter' by Vivaldi and draw a picture that shows me what it makes you think of. 2. Listen to 'Winter' by Vivaldi and use musical vocabulary to describe the sounds you can hear. You might turn this into a poster, detailed paragraph or poem. 	

	<p>3. Find out about Vivaldi and create a fact file about him. When did he live, where did he live, what instruments did he play, what are some of his famous pieces, what inspired him?</p> <p>4. If you have musical instruments or use music technology at home, can you create a piece of music that represents a snowy day?</p>
Physical Education	<p>BHA and the PE department need a new football kit. You have been asked to design a new kit and school crest/badge. Think about colours and logo designs that would best reflect our school and school values. Use the template below if needed.</p> <p>Complete a Joe Wicks workout: https://www.youtube.com/watch?v=Qicw2Vov_5k or a Just Dance workout: https://www.youtube.com/results?sp=mAEB&search_query=just+dance+workout</p>
PSHE	<p>https://www.careerpilot.org.uk/information/buzz-quiz Take the buzz quiz test online and then use the icould.com https://icould.com/ website to research the careers that are recommended for your personality type.</p>
Religious Education	<p>Complete the task for your relevant year group from the file below or there's a general task you can have a go at linked to atheism. There is no need to print the work if you are unable to.</p>
Science	<div> <div> <p>We use a lot of equipment in science. Complete a survey of your home.</p> <ol style="list-style-type: none"> What different types of equipment can you find? Can you put the equipment into groups (e.g. equipment for measuring weight/mass, equipment for measuring volume of a liquid, equipment for measuring length)? Can you draw a bar chart to show the results of your survey (remember a title, label your axes fully, leave gaps between bars and make sure bars are an even width)? There's a link to some squared paper here. <p>Or – Healthy Bodies</p> <ol style="list-style-type: none"> Produce a profile for yourself (like Gertrude's). Describe what you do that is: <ol style="list-style-type: none"> Healthy Unhealthy Give yourself some advice. Bonus points: <ol style="list-style-type: none"> Which nutrients you eat? What is the function of each nutrient? What activities could you do on a snow day to increase your level of exercise? Complete one of these activities. What benefits did you feel? You could draw a picture of yourself and label the benefits you felt the exercise you did. </div> <div> <p><u>Activity 1</u></p> <p>Investigation skills</p> <p>This investigation will focus on variables and concluding.</p> <p>Investigation title – How does <u>changing</u> the volume of snow (size of snow ball) <u>affect</u> how quickly it melts?</p> <p>Equipment – snow, a container to hold the water from the melting snow, ruler and a timer.</p> <p>What to do:</p> <ol style="list-style-type: none"> Make a small snow ball, about 5 cm in diameter and place it in the container. Start the timer and record how long it takes for the snowball to melt at room temperature. Repeat the experiment using a snowball 10cm in diameter. <p>Write up what you did</p> <p><u>Variables</u></p> <ul style="list-style-type: none"> What was the independent variable (the thing you changed)? What was the dependent variable (the thing you measured as the result)? What were the control variables (the things you need to keep the same)? Why was it important to keep them the same? <p><u>Conclusion</u></p> <ul style="list-style-type: none"> What affect did the volume of snow have on the time to melt? How do your results support this (use your results)? Can you explain WHY this happened? </div> </div>

Profile: Gertrude

Diet:

Eats a variety of home cooked meals. Her favourite meal is chicken and roast potatoes. She also eats a lot of fish. She loves carrots and oranges. Three times a week she has a big bowl of ice cream and puts a bag of haribo on top.

Exercise:

She goes to the gym once a week and does weights. She would like to make her arms more muscular, what exercise could she do?

Alcohol:

She drinks a bottle of wine each night.

Smoker:

No



1. Healthy: Does not smoke, eats home cooked meals which include fish, fruit and vegetables, she does some exercise.

2. Unhealthy: She drinks a lot of alcohol.

3. Advice: Drink less alcohol, reduce the amount of ice cream and haribo and exercise more.

4. Bonus points:

- She eats all food groups but not in the correct proportions.
- Which muscles does she use? Biceps and triceps in her arms.
- What are the affects of alcohol on her body? Long term could cause liver damage.
- Which vitamin does she get from oranges? C
- What is the function of carbohydrates? Provides energy for the body.

Future experiments

- Do you think you would have got the same time to melt if you had used another shape (e.g. made it into a snow sausage)?
- What other things might affect the time for the snow to melt that you could investigate?

Or

Activity 2

Design a game – include information from your most recent topic (a really good form of retrieval).

Ideas:

- snakes and ladders.
- Monopoly
- Trivial Pursuit (question cards could be on different areas of the topic or include other topics studied).

Think about the rules.

Try the game out and write a summary about how successful your game was.

KS3 BBC Bitesize is a good source of information to help.

<https://www.bbc.co.uk/bitesize/subjects/zng4d2p>