



Children's University Australia



Winter Challenge Activities

Each activity in this booklet is worth half an hour in your passport — complete as many as you can and return them to your school's CUA coordinator!



Activity 1: Make your own Snowman!

It may not snow all over Australia, but that does not mean we have to miss out on the fun. Using marshmallows, toothpicks and any other items from your kitchen — make your very own snowman and stick a picture of it below!



Activity 2: Winter Crossword

C F H G M S V V Z C I C Y A C
Z A C O L N L K M S I A R C W
H O J P J O W I C O L D S S F
B X X U B W P O Q X Z G M T R
K U O J E M U V O I S Y N G O
S R T U A A D I Z L J S B Z Z
G E I M N N D D U S Y N R G E
S Y V P I K L C A C O O G B N
T L R E E J E W T A J W L H U
O E A R R H D S Q R N B O F I
R V I K A E O F A F E A V Q J
M H N D M R L I K H G L E U C
C K U R F U X C Q O A L S H Q
R Q S L I P P E R Y F I F D S
A K W W I N T E R M H U L C A

COLD BEANIE
FROST SCARF
WINTER PUDDLE
HAIL STORM
FROZEN
ICE
WOOLY
JUMPER
SNOWBALL
GLOVES
SLIPPERY
ICY
RAIN
SEVERE
SNOWMAN



Activity 3: Who likes Winter?

It is time to answer the age old question: Do people prefer summer or winter? Survey 10 people and ask them which season they prefer, then create a column graph in the space below to show your results.



Activity 4: Book Review

Winter weather often forces us inside, use your time these holidays to read a new book and then tell us about it below

Title -

Author -

Main Characters -

Why did you choose the book?

If you could change one thing about the book, what would it be?

Which character would you like to be friends with?

Draw/take a photo of the book cover

Overall rating of the book
(colour the stars)

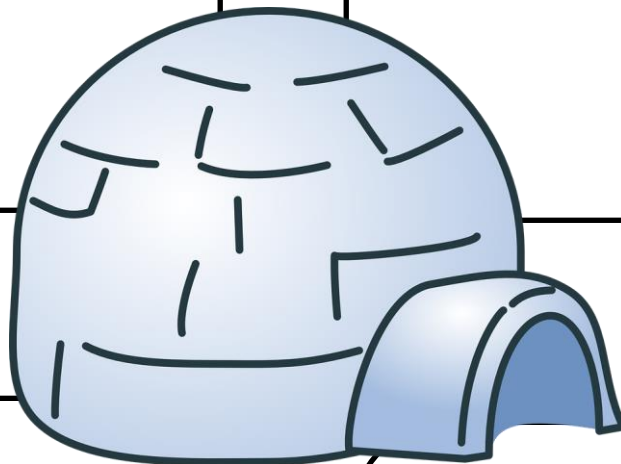




Activity 5: If I lived in an Igloo

I would see...

I would smell...



I would hear...

I would feel...



Activity 6: It's the coldest month of the year!

All of winter is cold, but there is always one month that locals know is usually the coldest within that city. Even if cities are in the same hemisphere, the month may be different depending on their position on Earth.

Use online research tools to find out what the coldest month of the year is for the following cities:

Rome –

Seoul –

Sydney –

Delhi –

Brussels –

Cape Town –

Buenos Aires –

Auckland —



Activity 7: Winter Fort

Another way to have fun inside is to make your own fort. You can use pillows, blankets or cardboard – but it needs to be a structure that you can comfortably fit inside. Paste a photo below to show off your good work!



Activity 8: Curling Comprehension

Read the following passage about curling, and answer the questions that follow!

Curling is a team sport that is played indoors on ice. The objective of the game is to slide a stone across the ice toward a target which is 45 metres away. The target, also known as the 'house', is made up of four circles inside one another. The smallest circle in the centre of the target is worth the most points.

A curling team consists of up to four players. Each player must slide two stones, also called rocks, towards the house to accumulate points. While the stone is sliding, the teammates rapidly sweep the ice in front of the stone to control its movement. Sweeping can reduce the friction under the stone (allowing it to travel further), and keep the stone moving in a straight line. Sweepers vigorously sweep early in the slide, but will often stop as the stone moves closer to the house and the extra friction can cause the stone to slow down and curl. This can be a useful tactic to get closer to the centre of the house.

Curling has been an Olympic sport since 1998. Now, there are mens, womens and mixed doubles competitions. Interestingly, in 2006, the International Olympic Committee determined that the curling event held at the 1924 Olympics was part of the official Olympic program, instead of a demonstration as was previously thought. The team from Great Britain was, therefore, awarded the first ever Olympic gold medal for curling.





Questions

- 1. Using the description in the text, draw the 'house.'***
- 2. Using your research skills, find a picture of a curling rock and draw it below.***
- 3. Explain how to win at curling.***
- 4. What do you think would be the most difficult part of curling? Explain your answer.***
- 5. How many years did it take for the International Olympic Committee to decide to award Great Britain the first every Olympic gold medal for curling?***



Activity 9: When were the Winter Olympics?

Like the summer games, the nations from around the world participate in the Winter Olympics every four years. Each year a host city is chosen for the games.

Use your research skills to write down which year each city hosted the Winter Olympics.

Salt Lake City —

Lake Placid —

Sapporo —

Lake Moritz —

Beijing —

Lillehammer —

Sochi —

Oslo —

Turin —



Activity 10: Snowball Catapult

Snowball fights look like so much fun — but surely it must be tiring! Wouldn't it be great to have a machine that could do the work for you? Something like a catapult...

Use your research skills to find some ideas, then use materials around your house to build your own catapult which is capable of shooting one of the marshmallows you have left from Activity 1. Take a photo and paste it below or, better yet, bring in your catapult to show your coordinator!