



# Winter Challenge

with



The Winter [#KCUChallenge](#) is full of ideas for the classroom or home so please share these posters with your children, family, friends and colleagues.

We will also be uploading extra ideas to our Social Media Channels throughout December:

[www.twitter.com/K\\_C\\_U](http://www.twitter.com/K_C_U)

[www.facebook.com/KentChildrensUniversity](http://www.facebook.com/KentChildrensUniversity)

[www.youtube.com/KentChildrensUni](http://www.youtube.com/KentChildrensUni)

[www.instagram.com/KentChildrensUniversity](http://www.instagram.com/KentChildrensUniversity)



For more information about Kent Children's University please visit [www.kentchildrensUniversity.co.uk](http://www.kentchildrensUniversity.co.uk) or email [kcu@theeducationpeople.org](mailto:kcu@theeducationpeople.org)

*This Challenge ends on 11th January 2019*



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# Winter Challenge

## **What is Kent Children's University™?**

Kent Children's University is part of an international charity that provides 5 to 14 year olds with access to exciting and innovative Learning Activities and experiences outside of the normal school day.

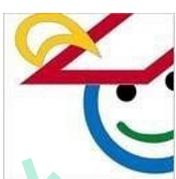
Raising children's aspirations is important to us. We celebrate achievement and reward participation through the award of Children's University certificates.

Any child, aged 5 to 14 years can join us and, when issued with a Passport To Learning, is able to take part in Validated Learning Activities and experiences at national Learning Destinations.

Each hour of Children's University Validated learning they complete brings the child closer to a Graduation ceremony held at a Kent University.

## **How can we get involved?**

Check with your child's school to see if they are running or planning to run Kent Children's University. If not, we have a Family Membership model that you can look at and subscribe to via [www.kcuchallenges.co.uk](http://www.kcuchallenges.co.uk)



For more information about Kent Children's University please visit [www.kentchildrensuniversity.co.uk](http://www.kentchildrensuniversity.co.uk) or email [kcu@theeducationpeople.org](mailto:kcu@theeducationpeople.org)

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# Winter Challenge

If you are not part of Kent Children's University, but would like to earn Learning Credits, you can download a temporary Passport to Learning from [www.kcuchallenges.co.uk](http://www.kcuchallenges.co.uk) We can always transfer them to a real Passport to Learning in the future.

## How to receive Learning Credits from Kent Children's University

Please return any evidence to Kent Children's University by the end of Friday 11th January 2019:

Email: [kcu@theeducationpeople.org](mailto:kcu@theeducationpeople.org) or Post: Kent Children's University, Sessions House, County Road, Maidstone, Kent, ME14 1XQ.

**Please only send evidence upon completing all the activities you wish to complete. You can find examples of how to submit evidence on [www.kcuchallenges.co.uk](http://www.kcuchallenges.co.uk)**

## LEARNING CREDIT NOTE

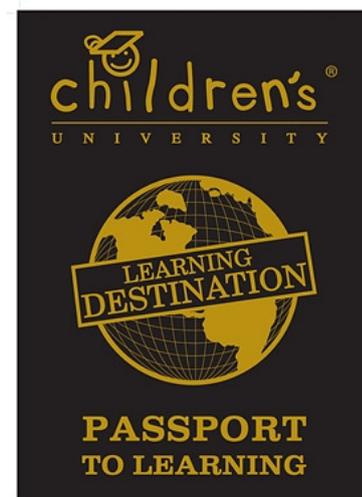
CREDITS TO: \_\_\_\_\_ DATE: \_\_\_\_\_

PLEASE ADD THE FOLLOWING INFORMATION TO YOUR PASSPORT TO LEARNING

DATE	HOUR(S)	ACTIVITY	STAMP OF APPROVAL
January 2019		For completing _____ Winter <a href="https://www.kcuchallenges.co.uk">#KCUCChallenge</a> activities	



KENT CHILDREN'S UNIVERSITY™  
G34, Sessions House, County Road,  
Maidstone, Kent, ME14 1XQ  
Telephone: 03000 417 232  
email: [kcu@theeducationpeople.org](mailto:kcu@theeducationpeople.org)  
Website: [www.kentchildrensuniversity.co.uk](http://www.kentchildrensuniversity.co.uk)



Original evidence will be posted back to you along with the Virtual Learning Credits to stick in the child's Passport to Learning.

## Why not earn extra Learning Credits from:

The thousands of national Learning Destinations! Take a look at our website and the FREE App for more information.



For more information about Kent Children's University please visit [www.kentchildrensuniversity.co.uk](http://www.kentchildrensuniversity.co.uk) or email [kcu@theeducationpeople.org](mailto:kcu@theeducationpeople.org)

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# Winter Challenge

## Record Sheet

Completed

1. Make Christmas/winter-themed table decorations (max 2 Credits) \_\_\_\_\_
2. Produce a fact-file about a hibernating animal (1 Credit) \_\_\_\_\_
3. Design and make 100% recyclable wrapping paper (2 Credits) \_\_\_\_\_
4. Do something for an elderly member of the community (1 Credit) \_\_\_\_\_
5. Complete a Change4Life indoor activity (max. 3 Credits) \_\_\_\_\_
6. Review a winter/Christmas film (0.5 Credits) \_\_\_\_\_
7. Bake a tasty Winter/Christmas treat (1 Credit) \_\_\_\_\_
8. Take part in the Winter Reading Challenge at the library (3 Credits) \_\_\_\_\_
9. Make a 2019 calendar (max. 4 Credits) \_\_\_\_\_
10. Write a blog or film a vlog for Explore Kent (max. 2 Credits) \_\_\_\_\_
11. Plant vegetable seeds (0.5 Credits) \_\_\_\_\_
12. Create 3D geometric tree decorations (1 Credit) \_\_\_\_\_
13. Finish the KCU winter story (2 Credits) \_\_\_\_\_
14. Complete a winter Nature Detectives activity (max. 2 Credits) \_\_\_\_\_
15. Learn the sign language to a Christmas Carol (1 Credit) \_\_\_\_\_
16. Make a bird feeder (1 Credit) \_\_\_\_\_
17. Create a piece of snowflake art or craft (1 Credit) \_\_\_\_\_
18. Design, make and post a Christmas card to KCU (1 Credit) \_\_\_\_\_
19. Complete a winter Sudoku (2 Credits) \_\_\_\_\_
20. Make a nativity or winter scene from clay (1 Credit) \_\_\_\_\_
21. Conduct a winter science experiment (2 Credits) \_\_\_\_\_
22. Design a potential KCU Green Action activity (0.5 Credits) \_\_\_\_\_
23. How many words can you find in HOT TASTY MINCE PIES? (0.5 Cr) \_\_\_\_\_
24. Investigate winter weather conditions (1 Credit) \_\_\_\_\_





# Winter Challenge

## Make Christmas/winter-themed table decorations

Decorating a table at this time of year can make the dark and grey days seem much brighter so what will you choose to make together?

If you are stuck for ideas, why not head to a website, such as Pinterest, for inspiration...



If you are part of KCU, you will **earn a maximum of 2 Learning Credits** for sharing your table decoration ideas with us. Evidence could be your designs, photographs and your parents' upload to Social Media.

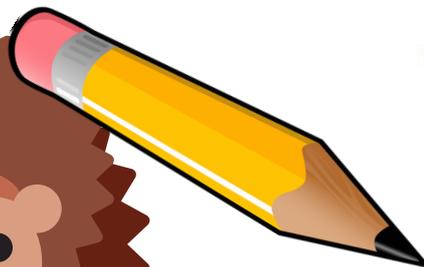
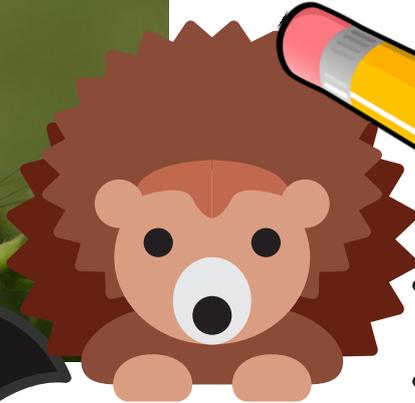
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# Winter Challenge

Produce a fact-file about a hibernating animal



- Decide on a hibernating animal to research and write about
- Decide on the information you would like to include in your fact-file. Don't forget to include the main key areas you want to present
- Remember to include an introduction so it is clear what you are writing about!
- Plan what you are going to write in each section. Remember to include key facts
- Check through each section to ensure you have included all the terminology and key words you want to use in the final fact-file
- You can then write your fact-file and add images, drawings and diagrams to make it come to life!



DID YOU KNOW?

Hibernation occurs when an animal becomes inactive, or "sleeps," during the short, cold days of winter.



If you are part of KCU, you will **earn 1 Learning Credit** for sharing your hibernating animal fact-file with us. Your parents could also upload the fact-file to Social Media.

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# Winter Challenge

Design and make 100% recyclable wrapping paper

**We are encouraging you to make your own wrapping paper as the materials that go into making some wrapping paper result in it not always being accepted for recycling:**

Wrapping paper is often dyed, laminated and/or contains non-paper additives such as gold and silver coloured shapes, glitter, plastics etc which cannot be recycled

Some wrapping paper is very thin and contains few good quality fibres for recycling

A lot of wrapping paper has sticky tape attached to it which makes it very difficult to recycle.

Before recycling, remove any sticky tape and decorations such as ribbons and bows as these cannot be recycled.

Wrapping paper can only be recycled if it passes the scrunch test - simple paper wrap can be recycled but foil or glitter-decorated paper cannot and needs to go in the general waste.



If you are part of KCU, you will **earn 2 Learning Credits** for making recyclable wrapping paper. Evidence could be research into recycling, the design and photographs of the wrapping paper and your parents' upload to Social Media.

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# Winter Challenge

**Make or do something for an elderly member of the community**

**Ideas include:**

- Take time to talk
- Give someone a call
- Community Christmas
- Give a neighbour a card
- Lend a hand at your local care home
- Share a mince pie moment
- A spare chair



Campaign to  
**End Loneliness**  
CONNECTIONS IN OLDER AGE

Almost a million older people say they feel lonelier at Christmas (based on research by Age UK), and half a million older people can go up to a week without seeing or speaking to anyone.

This Christmas we are supporting the Campaign To End Loneliness (Connections in Older Age) in wanting to change that, but we need you. The Campaign has come up with 12 simple things you can do to tackle loneliness, and make everyone feel more connected at Christmas.

The Campaign will share their tips on social media throughout December, and they would like you to share your own. Use the hashtags [#12Ways](#) and [#KCUCChallenge](#) to share with us how you are helping to end loneliness with festive fun.



If you are part of KCU, you will **earn 1 Learning Credit** for making something for an elderly member of the community. Evidence could be an entry in your Social Action log, photographs and your parents' upload to Social Media.

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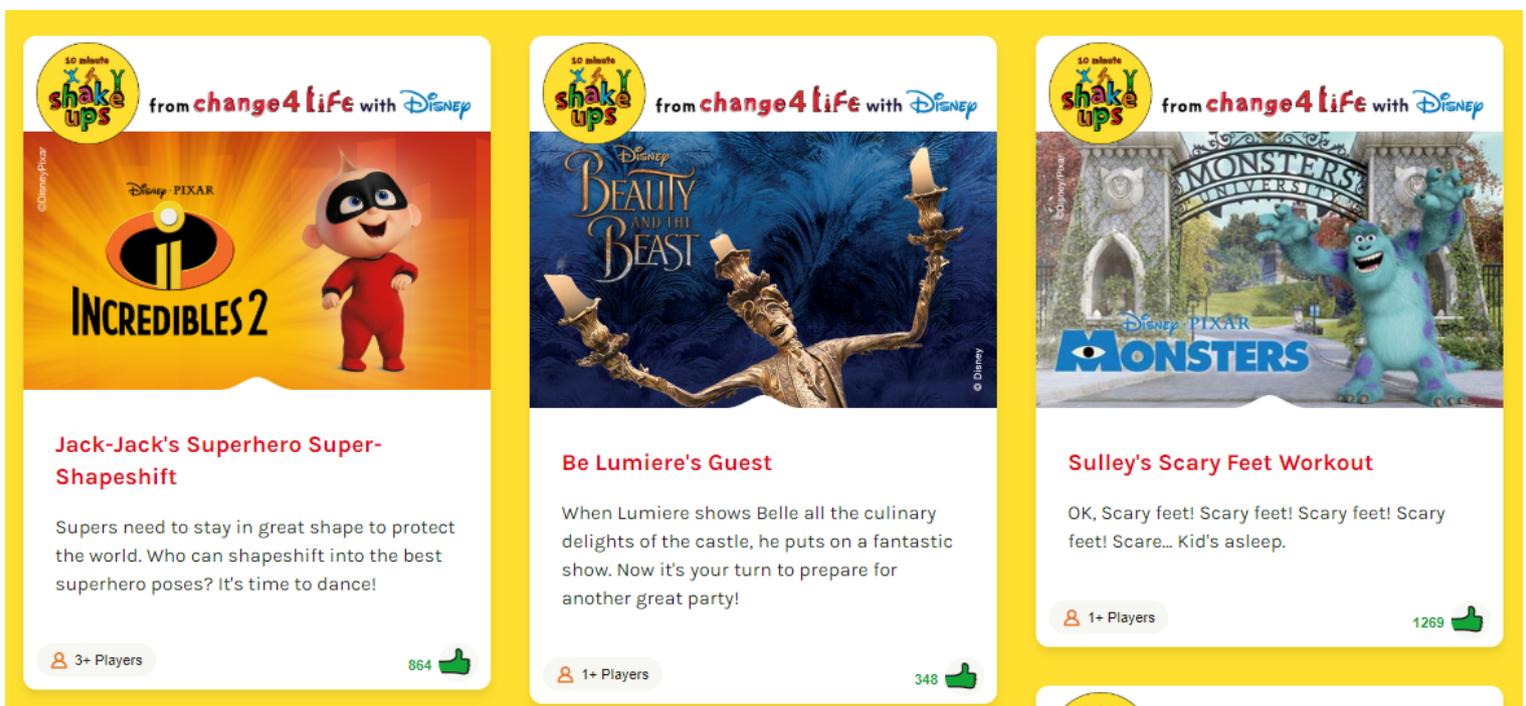
# Winter Challenge

Complete a Change4Life indoor activity

There's no need to let the weather stop your children getting the activity they need.

Even when they can't get outside, there's still lots of great indoor children's activities you can do to get them moving and have fun as a family.

Get started with the Change4Life's easy-to-follow Shake Up games inspired by your children's favourite Disney characters. With just a few songs and some simple props, they will soon be creating their own dance routines and throwing some superhero shapes!



The image shows three cards for 'Shake Ups' activities, each featuring a Disney character and a description of the activity. Each card includes a '10 minute shake ups' icon, the 'change4life with Disney' logo, and a thumbs-up icon with a count.

- Jack-Jack's Superhero Super-Shapeshift**  
Supers need to stay in great shape to protect the world. Who can shapeshift into the best superhero poses? It's time to dance!  
3+ Players | 864 thumbs up
- Be Lumiere's Guest**  
When Lumiere shows Belle all the culinary delights of the castle, he puts on a fantastic show. Now it's your turn to prepare for another great party!  
1+ Players | 348 thumbs up
- Sulley's Scary Feet Workout**  
OK, Scary feet! Scary feet! Scary feet! Scary feet! Scare... Kid's asleep.  
1+ Players | 1269 thumbs up

<https://change4life.service.nhs.uk/change4life/activities/indoor-activities>



If you are part of KCU, you will **earn a maximum of 3 Learning Credits** for taking part in at least one activity. Evidence could be your Physical Activity log, videos, photographs and your parents' upload to Social Media.

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# Winter Challenge

## Review a winter/Christmas film

We would like you and your family to get cosy as you settle down to a winter/Christmas film. It may be a film you have seen many times before or something new! Make sure you tell us all about it in your Film Review!

You could make your own review template/vlog or use one from the Children's University Learning Partner, Bigfoot Arts Education...

**A. CRITIC**

Reviews are a really good way for us to learn about what others think of our own work as well as the work of others. Critics play an important role in reviewing a variety of creative art work, whether it's a popular TV show, book, theatre production or art installation, so that we can all learn about the successes and failures of projects before or after seeing it for ourselves.

Using your chosen art piece, write a critical review in the form of a newspaper article about what you enjoyed and didn't enjoy. You will need to make it as interesting as possible in order to encourage others to see, or not see, this piece of art in future. Therefore, you should think about including the following within your review and make notes in the space on the right:

- What is the art work called?
- Who is the creator (writer, artist, director, producer)?
- What is the art work about?
- Did you enjoy it?
- Why/why not?
- What could be improved?
- Why should other people see it?
- Overall verdict/rating

**BIGFOOT CREATIVE ARTS EXPLORER ACTIVITY PACK** © Bigfoot Arts Education 2013 **Reviews: A. Critic 14**

**A. CRITIC (CONTINUED)**

Article written by: \_\_\_\_\_

Picture of: \_\_\_\_\_

**/10**

**BIGFOOT CREATIVE ARTS EXPLORER ACTIVITY PACK** © Bigfoot Arts Education 2013 **Reviews: A. Critic 15**



If you are part of KCU, you will **earn 0.5 Learning Credit** for watching and reviewing a film. Evidence could be your film review and your parents' upload to Social Media.





# Winter Challenge

**Bake a tasty Winter/Christmas treat**

Now is a good time to get creative in the kitchen! You can either follow a recipe or create a masterpiece of your own. Do you fancy baking something sweet or savoury? Will it be for Christmas or a simple winter treat? Who will you share your treat with?



If you are part of KCU, you will **earn 1 Learning Credit** for baking your tasty treat. Evidence could be a recipe, photographs and your parents' upload to Social Media.

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# Winter Challenge

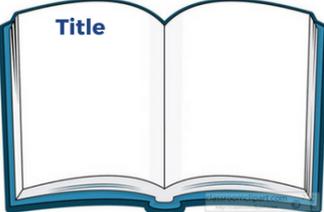
## Take part in the Mini-Christmas Reading Challenge at the library

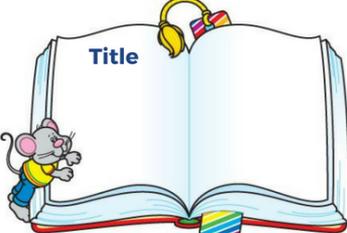
After the success of this year's Summer Reading Challenge we want to encourage children to visit their local library and keep reading over the Christmas holidays.

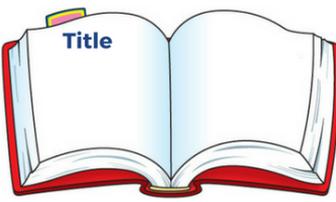


### *Mini-Christmas Reading Challenge*

Library: \_\_\_\_\_ Date completed: \_\_\_\_\_

 <p>Title</p>	<p>Review</p> <p>☆ ☆ ☆ ☆ ☆</p>
-------------------------------------------------------------------------------------------------	------------------------------------------------

 <p>Title</p>	<p>Review</p> <p>☆ ☆ ☆ ☆ ☆</p>
-------------------------------------------------------------------------------------------------	------------------------------------------------

 <p>Title</p>	<p>Review</p> <p>☆ ☆ ☆ ☆ ☆</p>
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Children simply read and review three books between 1st December 2018 and 11th January 2019.

You can download the Book Review template from:

[www.kcuchallenges.co.uk](http://www.kcuchallenges.co.uk)

Author Cressida Cowell says: Cressida says: "What I really love about this time of year is snuggling down with a really good book. Why don't you find some books to snuggle down with and take part in the Christmas mini-challenge? Get online and get stuck in ... and if you need a lift to the library, you could always try a ride on a dragon, but don't fall off though!"

**Don't forget to update your reading profile on The Reading Agency's website!**



If you are part of KCU, you will **earn 3 Learning Credits** for reading three books and completing reviews for each. Please note, libraries may not stamp Passports to Learning for this activity. KCU will issue credits in this instance.

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# Winter Challenge

## Make a 2019 calendar

There are many easy ways to make a beautiful calendar. If you want an attractive calendar for your home, you can use an online template to create the months of the year then decorate it with your own artwork.

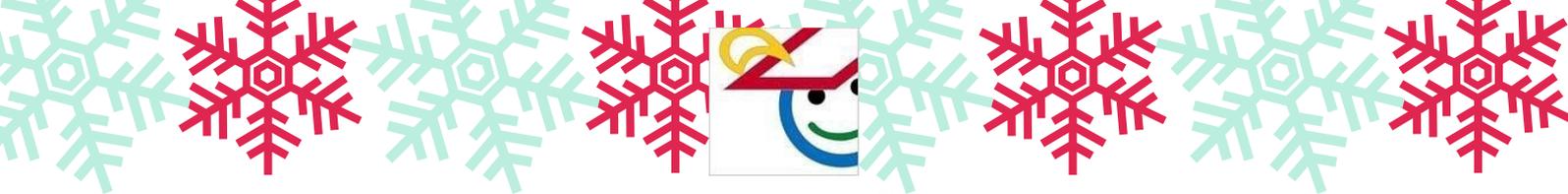
When you have made your own calendar, don't forget to add all the important dates like birthdays and celebrations.

If you have time, you could make more than one calendar. They would make a lovely gift for someone.



If you are part of KCU, you will earn a maximum of 4 Learning Credits for making a calendar. Evidence could be a design and photographs and your parents' upload to Social Media.

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# Winter Challenge

## Write a blog or film a vlog for Explore Kent

Explore Kent would like to encourage young people from Kent and Medway to become bloggers and vloggers for their website! This is open to all but if your child is part of Kent Children's University they could earn 1 Learning Credit\* for each blog written and 2 Learning Credits\* for each vlog filmed.

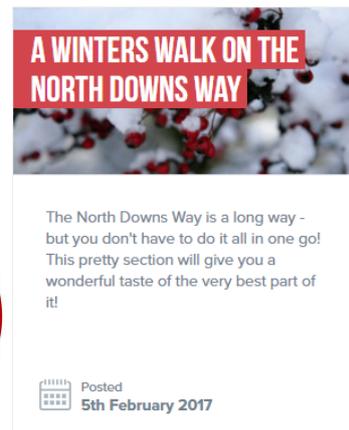
Young people could blog or vlog about any sort of outdoor activity but free opportunities in Kent and Medway would be preferred. Winter ideas include:



- Walks
- Days out
- Village/town Christmas lights' reviews
- Activity Trails and Treasure Hunts



You can submit your child's blogs and vlogs direct to Explore Kent via email ([explorekent@kent.gov.uk](mailto:explorekent@kent.gov.uk)) or post:



Explore Kent  
Invicta House  
Maidstone  
ME14 1XX



**Please note:** Blogs would need to be between 250-500 words to be published and a vlog would need to last for around 5 minutes. Not all blogs and vlogs will be able to be published online but all will receive Credits. \* Learning Credits will be issued via email



If you are part of KCU, you will **earn a maximum of 2 Learning Credits** for writing a blog or filming a vlog. Explore Kent will issue the Learning Credits but we would love to see what you produce too!

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# Winter Challenge

Plant vegetable seeds or bulbs in readiness for Spring

You might not think that you can plant seeds or bulbs in the winter but you can!

Winter is a great time to plant lettuce, beetroot and broccoli. Savoy cabbage, carrots, cauliflower, radish, rocket, rainbow chard, onions, spring onions and turnips can also be planted now too.



If you are part of KCU, you will **earn 0.5 Learning Credits** for planting some vegetable seeds or bulbs. Evidence could be a Learning Log, photographs, and your parents' upload to Social Media.

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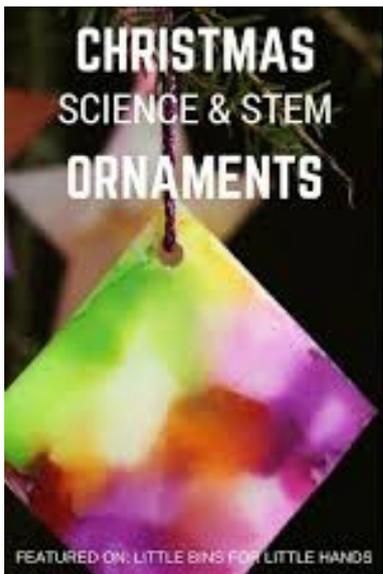




# Winter Challenge

## Create 3D geometric shaped tree decorations

Whether you have a Christmas tree or winter tree, we are looking for you to make a 3D decoration to go on it! It could be fairly simple, like a decorated cube, or something more complex, like a seven-pointed star! If you need help, there are websites with templates that you could use. We are looking forward to seeing what you create.



If you are part of KCU, you will **earn 1 Learning Credit** for making a tree decoration. Evidence could be your design, photographs and your parents' upload to Social Media.

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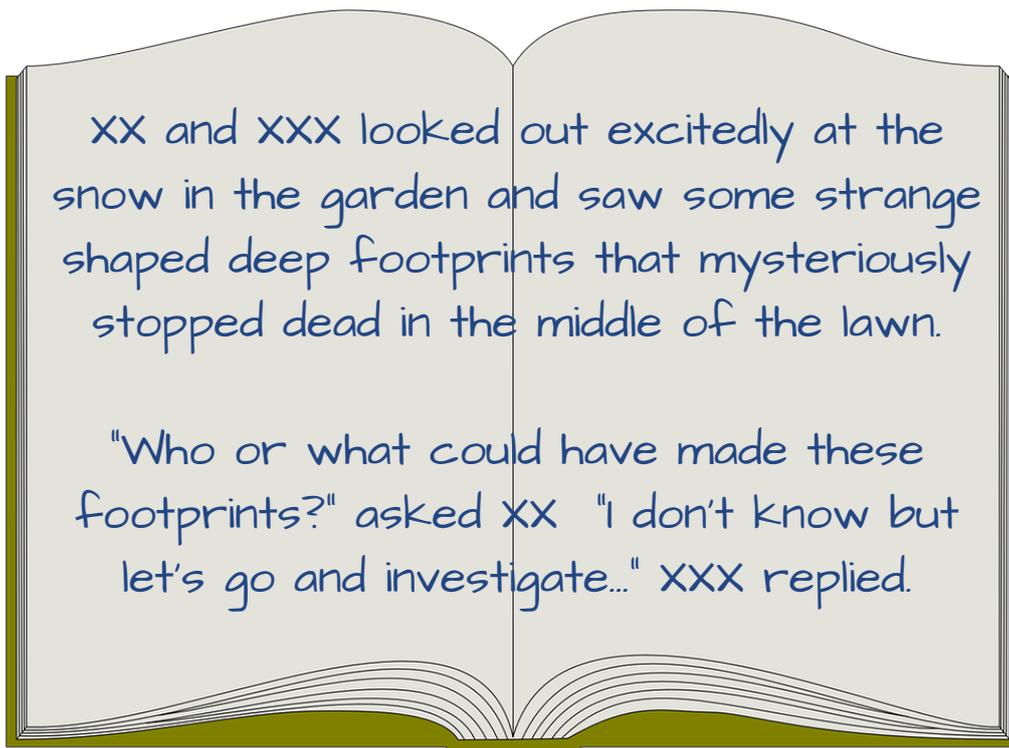


# Winter Challenge

## Finish the KCU winter story

This year, KCU member Ayla was one of the Top 50 winners in the BBC Radio 2 500 Words competition. Her story was called The Great Diamond Heist and you can hear it here: <https://www.bbc.co.uk/programmes/p065dyvk> It was a huge achievement!

We are hoping to encourage you to become an award winning writer too. You have between 250 and 500 words to finish this story for us and come up with a title. Which names will you give to characters XX and XXX?



**You can find some story-writing tips here:**

<http://www.bbc.co.uk/programmes/articles/2yWPLdvFHRyGm7YYvzfF5XX/7-tips-and-tricks-for-writing-a-spectacular-short-story>)



If you are part of KCU, you will **earn 2 Learning Credits** for writing this short story. Evidence could be your story, illustrations and your parents' upload to Social Media.

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# Winter Challenge

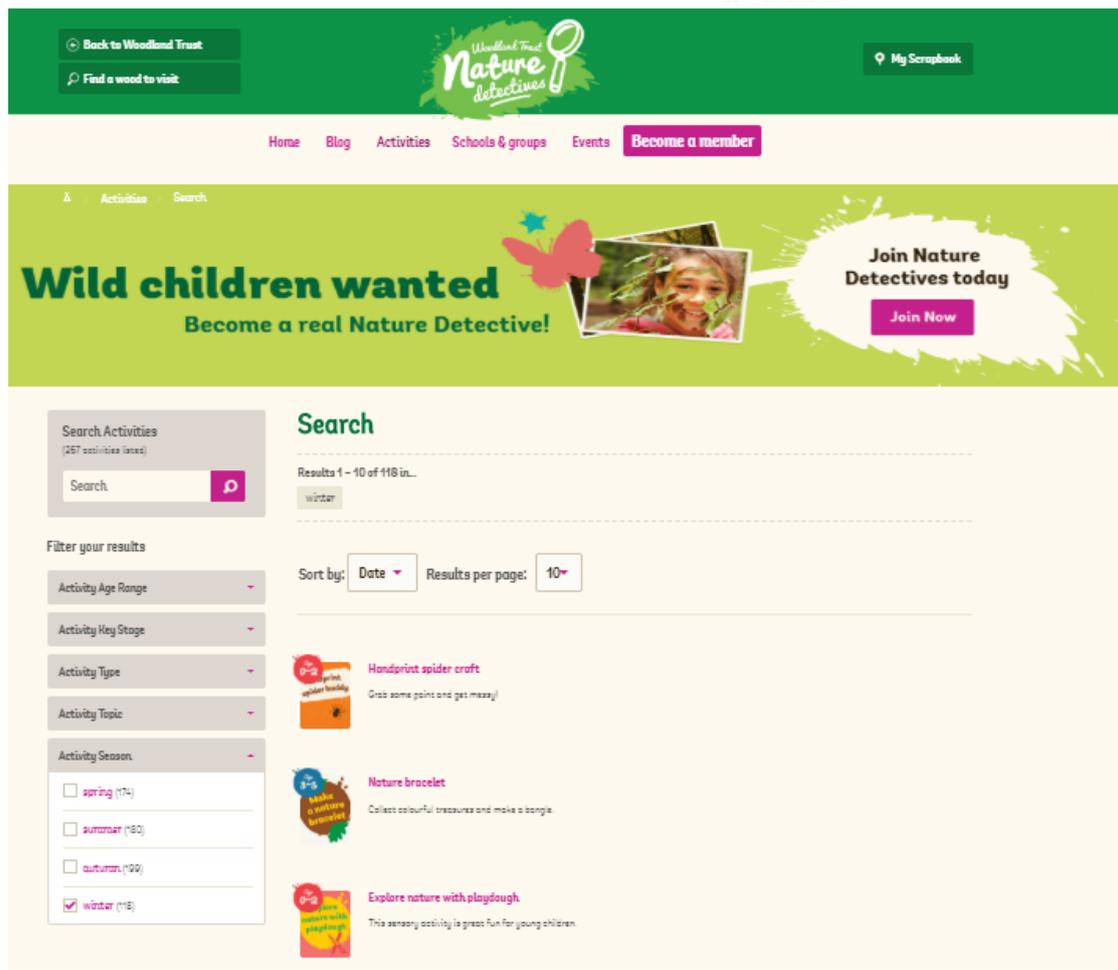
## Complete a winter Nature Detectives activity

Nature Detectives is part of the Woodland Trust so is a partner for Children's University! Children can earn 0.5 Learning Credits for each Nature Detectives activity completed (to a maximum of 12 Learning Credits a term).



There are 118 winter Nature Detectives' activities to choose from so we are sure you will find something to interest you!

There are trails, craft activities, spotter tasks and much more so do visit the website for more information.



The screenshot shows the website interface. At the top, there's a green header with the 'Woodland Trust Nature Detectives' logo and navigation links like 'Home', 'Blog', 'Activities', 'Schools & groups', 'Events', and 'Become a member'. Below the header is a banner for 'Wild children wanted' with a photo of a child and a 'Join Now' button. The main content area shows search results for 'winter' activities. On the left, there are filters for 'Activity Age Range', 'Activity Key Stage', 'Activity Type', 'Activity Topic', and 'Activity Season'. The 'Activity Season' filter is expanded, showing 'spring (174)', 'summer (160)', 'autumn (129)', and 'winter (118)' with checkboxes. The 'winter' checkbox is checked. On the right, the search results are displayed, showing three activity cards: 'Handprint spider craft', 'Nature bracelet', and 'Explore nature with playdough'. Each card includes a small image and a brief description.



If you are part of KCU, you will **earn a maximum of 2 Learning Credits** for completing up to 4 Nature Detectives' activities. Evidence could be your workbook, photographs and your parents' upload to Social Media.

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# Winter Challenge

## Learn the sign language to a Christmas Carol

DID YOU KNOW?

British Sign Language (BSL) is a sign language used in the United Kingdom (UK), and is the first or preferred language of some deaf people in the UK; there are 125,000[5] deaf adults in the UK who use BSL plus an estimated 20,000 children. In 2011, 15,000 people, living in England and Wales, reported themselves using BSL as their main language. The language makes use of space and involves movement of the hands, body, face and head. Many thousands of people who are not deaf also use BSL, as hearing relatives of deaf people, sign language interpreters or as a result of other contact with the British deaf community.



KCU encourages people to learn Sign Language as it is a valuable life-skill.

You can find low-cost BSL Christmas resources here: <https://goo.gl/ihZRbg>



If you are part of KCU, you will **earn 1 Learning Credit** for learning the sign language for a Christmas carol. Evidence could be a video, photographs and your parents' upload to Social Media.

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# Winter Challenge

## Make a bird feeder



The RSPB is a Learning Partner for Children's University and has a range of activities that families can enjoy together! Why not make this bird feeder this winter?

### You will need:

Plastic drinks bottles  
Yoghurt pots or milk cartons (make sure they're clean)  
Wire or string  
Bird seed  
Scissors



### Step-by-Step Guide!

Cut a hole in the side large enough to allow a free flow of seeds, but in such a way that it won't all fall out on the ground in the slightest puff of wind, and won't get wet if it rains.

Make a few small holes in the bottom of your feeder to allow any rainwater to drain away.

Hang it with wire, or even strong string from a tree or your washing line.

If your feeder starts to wear out or the food in it goes mouldy, recycle it and make another one! Remember to keep your feeders well stocked, especially in winter. Birds come to rely on them and will go hungry if you forget.

Read more at <https://www.rspb.org.uk/fun-and-learning/for-kids/games-and-activities/activities/make-a-recycled-bird-feeder/#BW63ge4Eqey8QUiC.99>



**Use the search function on the RSPB website to find out more about the Credits available for the Love Nature Wild Challenge!**



If you are part of KCU, you will **earn 1 Learning Credit** for making a bird feeder. Evidence could be your design, photographs of the feeder and birds using it and your parents' upload to Social Media.

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# Winter Challenge

Create a piece of snowflake art or craft

Snowflakes are beautiful and often associated with winter. We might not see snowflakes this year, so hope you can make some beautiful ones full of different patterns!



If you are part of KCU, you will **earn 1 Learning Credit** for making a piece of snowflake art or craft. Evidence could be photographs of your pieces and your parents' upload to Social Media.

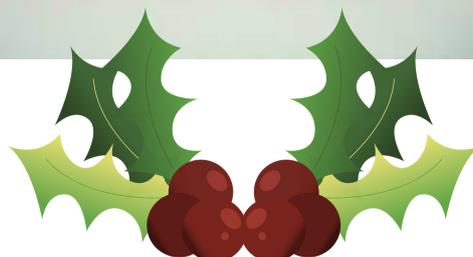




# Winter Challenge

**Design, make and post a Christmas card to Kent Children's University**

We would love to receive cards from you, showcasing your crafting talent! If you are looking for ideas, we hope these might help:



**Send your card to KCU at the following address:**

Kent Children's University  
G34  
Sessions House  
County Road  
Maidstone  
Kent  
ME14 1XQ



If you are part of KCU, you will **earn 1 Learning Credit** for making a Christmas card and sending it to Kent Children's University.



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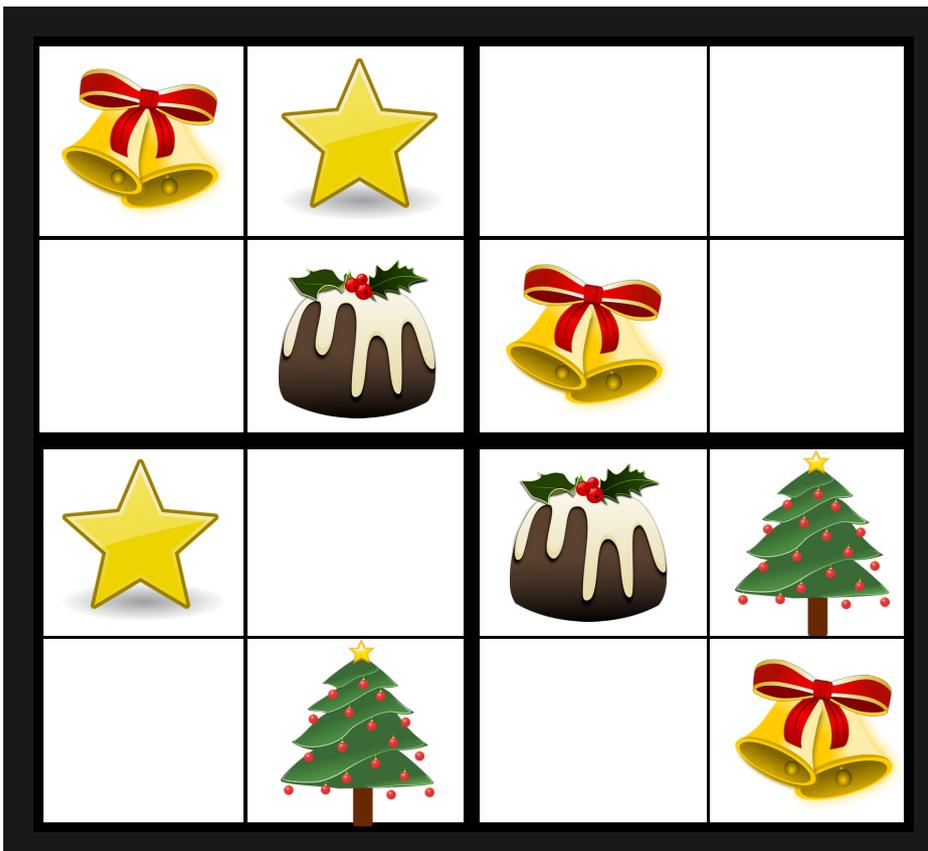


# Winter Challenge

## Complete a winter Sudoku

Sudoku is an increasingly popular Japanese number puzzle where a 9x9 grid must be filled in with no numbers repeating in a row, column or square.

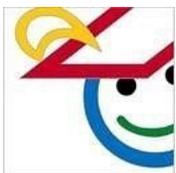
We have two seasonal versions you can choose from: a 4x4 grid or a 6x6 grid using symbols instead of numbers. They can be downloaded from [www.kcuchallenges.co.uk](http://www.kcuchallenges.co.uk)



Where would these shapes go?



You could always make a version of your own!



If you are part of KCU, you will **earn 2 Learning Credits** for completing both Sudoku grids. Evidence would be the completed grids. Extra credits will be available for making your own version!





# Winter Challenge

## Make a nativity or winter scene from clay

Clay art with modelling clay is a good precursor to ceramic art with clay. Modelling clay can be colourful and non-toxic. It does not require a kiln for finishing, making it an easy material for younger children to work with. For more permanent art creations, you can use polymer clay (which needs to be baked in an oven to finish) or air dry clay.

What sort of scene will you sculpt from clay? It could be a nativity or winter scene.



DID  
YOU?  
KNOW

In addition to all the other benefits of art, clay modeling offers these added benefits:

It develops motor skills;  
It helps with creative problem-solving;  
manipulating clay is therapeutic (much like sand play)



If you are part of KCU, you will **earn 1 Learning Credit** for designing and making a seasonal scene from clay. Evidence could be a design, photographs and your parents' upload to Social Media.

[www.facebook.com/KentChildrensUniversity](http://www.facebook.com/KentChildrensUniversity)





# Winter Challenge

## Conduct a winter science experiment

Winter science activities for children are a natural choice when the weather turns cold and grey! Why not create an experiment with your family? There are lots of experiments online so here are some ideas:

### 20 MUST TRY WINTER Science Experiments for Kids



### You might prefer to take part in a Crest Stem Award!

CREST is a nationally recognised scheme for student-led project work in the STEM subjects (science, technology, engineering and maths).

CREST gives young people aged 5-19 the chance to choose their own subject and methodology when completing their hands-on investigation.

Star and SuperStar Levels are worth 8 Learning Credits for each!

If you are part of KCU, you will **earn 2 Learning Credits** for conducting a winter science experiment. Evidence could be a Learning Log, and your parents' upload to Social Media.

[www.facebook.com/KentChildrensUniversity](http://www.facebook.com/KentChildrensUniversity)





# Winter Challenge

## Design a KCU family activity for the Year of Green Action

**Take action in 2019 to improve the environment in which you live.**

2019 is the Year of Green action and it's part of The 25 Year Environment Plan created by the Department for Environment, Food and Rural Affairs (DEFRA.)

The Year of Green Action provides an opportunity to generate momentum. Throughout 2019, we will be working with all levels of society including organisations, businesses, government, communities and individuals to encourage green actions that deliver against one of the three themes:



### ***Connect***

Improving people's understanding of the state of the environment, the benefits a healthy environment can bring, and the effect of their actions on the natural world.



### ***Protect***

Helping communities and businesses to reduce their impact on the environment through greener decision-making.



### ***Enhance***

Inspiring people to enrich the environment, encouraging individuals and organisations to actively improve their local environment.

Kent Children's University will be launching a Year of Green Action 12 month Challenge in mid-January and we would love to include at least one idea from a child. The activity would need to fit one of these above and be something that could engage a family in green opportunities in either Winter, Spring, Summer or Winter.

**Get planning and share your ideas with us, to see if your activity features in the Challenge!**



If you are part of KCU, you will **earn 0.5 Learning Credits** for sharing your Year of Green Action idea with us. Evidence could be a mind-map or Challenge sheet (like this) and your parents' upload to Social Media.

[www.facebook.com/KentChildrensUniversity](https://www.facebook.com/KentChildrensUniversity)





# Winter Challenge

How many words can you make from the words **HOT TASTY MINCE PIES?**

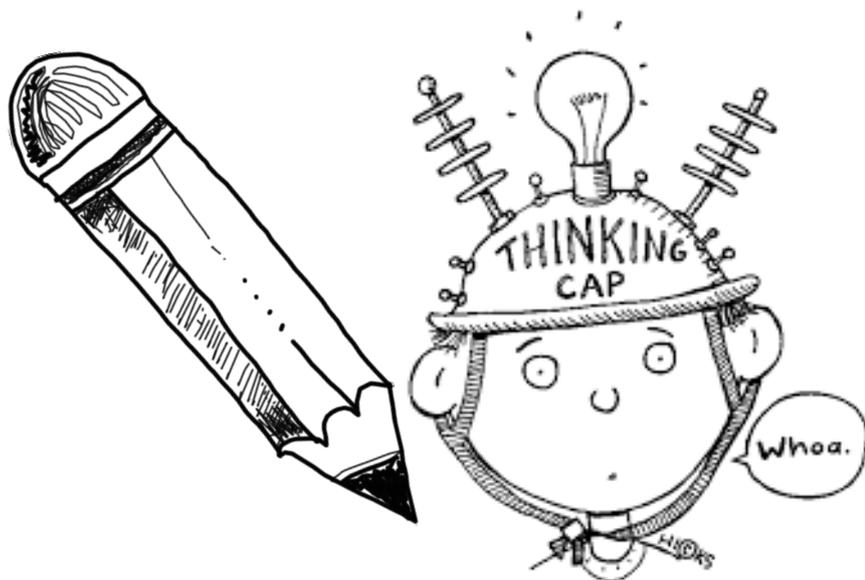


Now is the time to get your thinking caps on and see how many words you can make from the words **HOT TASTY MINCE PIES?**

You could turn it into a game for the whole family to enjoy and have a timer at the ready!

Who will find the most words in the quickest time?

What is the longest word you can make?



If you are part of KCU, you will **earn 0.5 Learning Credits** for finding as many words as you can. Evidence could be your list of words and your parents' upload to Social Media.





# Winter Challenge

## Investigate winter weather conditions

The Met Office is a useful resource for children, families and schools. Their website explains that winter in the UK is typically the coldest season with the shortest days often accompanied by unsettled weather conditions.

### When is winter?

The meteorological calendar classifies winter as beginning in December and ending in February. In the astronomical calendar, winter starts on the winter solstice, which is around 22 December in the Northern Hemisphere.

The winter solstice is the shortest day of the year and occurs when the sun is furthest south from Earth's equator and the Earth's Northern Hemisphere is tilted away resulting in less solar heating. After the winter solstice, days start to get longer with more hours of daylight.

Winter is also recognised as a season by ecologists who define a hibernal season for this period of the year when many animals adopt behavioural and physical adaptations to cope with low temperatures including hibernation and migration.

### What is winter like in other countries?

It's now your time to compare winter weather conditions from around the world.

What are the weather conditions like?

What is the average temperature?

What is the average rainfall?



If you are part of KCU, you will **earn 1 Learning Credits** for investigating winter weather conditions. Evidence could be a weather report, vlog, factfile, Powerpoint, photographs and your parents' upload to Social Media.