

PAWPRINT CHALLENGES

Key stage 1, 2 & 3

Black History Month

<https://pawprintfamily.com/free-printable/black-history-month-challenge-pack.pdf>

Celebrated each October Black History Month is a time to look beyond stories of racism and slavery and celebrate the achievements and contributions of the African diaspora. Explore inventors, activists, artists, and writers who shaped history and celebrate their achievements, while creating election rosettes, flag bunting and ship models.



Diwali Challenge

<https://pawprintfamily.com/challenge-packs/diwali-challenge-pack/>

May your life be as luminous and wonderful as the light of the lamp! Diwali is the five-day festival of lights. It is a festival of new beginnings and the triumph of good over evil; but who celebrates Diwali, how is it celebrated, when does it take place? You'll discover all this and more as we come together for the Diwali Challenge!



Bonfire Night Challenge

https://pawprintfamily.com/images/products_pdf/279.pdf?dc=1

Remember, remember, the fifth of November Gunpowder, treason and plot. We see no reason why gunpowder treason should ever be forgot! Ready to delve back in time to the world of Guy Fawkes?



Pumpkin Challenge

<https://pawprintfamily.com/free-printable/pumpkin-challenge-pack.pdf>

Looking for some gourd old-fashioned fun? Look no further than the Pumpkin Challenge! Whether you're planning to visit a pumpkin patch or thinking about growing your own, get ready and dive in!



Autumn Challenge

<https://pawprintfamily.com/free-printable/autumn-challenge-pack.pdf>

Rik Bear is bringing you the 2nd in the collection! This Challenge Pack contains lots of fun activities to get you in the autumnal spirit. So get your hat and scarf at the ready as it's time to get outside!



Remembrance Day

<https://pawprintfamily.com/free-printable/remembrance-day-red-challenge-pack.pdf>

To remember those who gave their lives so we could live ours. This activity pack has been designed to help young people learn about and understand conflict and peace as part of Remembrance Day commemorations



THE HIVE'S CHILDREN'S UNIVERSITY CLUB

AUTUMN 2025 GET CREATIVE

Key stage 1.2 & 3

Tate Kids

Tate Britain Tate Kids has a wide range of activities to support children's learning in Art, including things to make and create as well as videos and quizzes around art appreciation.

<https://www.tate.org.uk/kids>

You can choose from a variety of topics:

Tate Make:

<https://www.tate.org.uk/kids/make>

BE INSPIRED AND CREATE

- Paint and Draw
- Cut and Paste
- Sculpture
- Art and Technology
- Performance

Tate Games and Quizzes

<https://www.tate.org.uk/kids/games-quizzes>

PLAY AND HAVE FUN WITH ART

Tate Explore

<https://www.tate.org.uk/kids/explore>

GO ON AN ART ADVENTURE

Have fun!

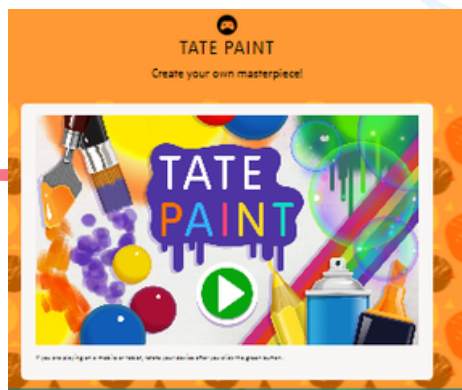
Why not try Tate Paint and create your piece of art online!

<https://www.tate.org.uk/kids/games-quizzes/tate-paint>

You can start with a blank canvass or select from the following themes:

Weather, Food, Natural World or Experiments.

**When you have finished you can save your work.
We would love to see what you have created.**



1 credit per activity

JACQUELINE WILSON'S MAGICAL TOUR OF TATE BRITAIN

Key stage 1 & 2

How can an art gallery inspire you to tell your own stories?

<https://www.tate.org.uk/kids/explore/kids-view/jacqueline-wilsons-magical-tour-tate-britain>

Watch this video to get inspired to use art to write a story and take part on the 500 words competition this year.

"Write a story you would love to read".

Submit your entries by 7th November 2025

<https://www.bbc.co.uk/teach/500-words>

3 credits



Try this seasonal word puzzle:

How Many Words Can you
find in

Autumn Leaves

or

Halloween?





Key stage 1 & 2



Science Sparks

If you're looking for a great science experiment. Science Sparks™ is bursting with easy, hands-on science experiments for kids of all ages. Discover our fun facts, cool science experiments, awesome science fair projects and super STEM challenges!

Why not try these Halloween Science Experiments. You can make witchy potions, spooky noise makers and lots more icky, sticky Halloween STEM challenges and science experiments for kids of all ages!

<https://www.science-sparks.com/top-10-science-experiments-for-halloween/>

Top 10 Science Activities for HALLOWEEN

- ★ Spooky Lava Lamp ☐
- ★ Creepy Shadow Puppets ☐
- ★ Witchy Potions ☐
- ★ Scary Giant Sweets ☐
- ★ Bug Filled Ice ☐
- ★ Erupting Pumpkins ☐
- ★ Ghostly Optical Illusions ☐
- ★ Jumping Ghosts ☐
- ★ Nasty Noise Maker ☐
- ★ Magic Mirror Writing ☐



1 credit per activity

Key stage 2 & 3

Science Museum

Learning at home for ages 7 to 11 years

<https://learning.sciencemuseumgroup.org.uk/resources/kitchen-science/>

Kitchen Science

These activities contain step-by-step instructions for science activities and experiments that are safe and easy to do at home.

Liquid Lava Levels

Oil and water do not mix, but that can sometimes have its advantages. In this activity these properties are used to investigate density and create a home-made lava lamp effect.

<https://learning.sciencemuseumgroup.org.uk/resources/liquid-lava-layers/>

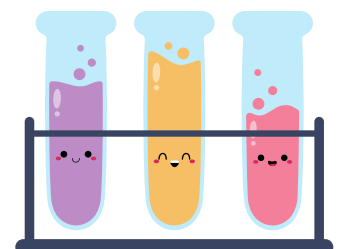
Bouncy Eggs

Eggs are often thought of as delicate and fragile, but this activity will show that with a simple chemical reaction we can give them a bit of bounce.

<https://learning.sciencemuseumgroup.org.uk/resources/bouncy-egg/>

[There are loads of different experiments to try, take a look at all the resources to download online.](#)

1 credit per activity completed





Key stage 1, 2 & 3

SKILLS BUILDER CHALLENGES

Skill: Listening

Make it your mission to listen carefully all day today. You could listen to a story, a podcast, the lyrics of a song, a news report on the TV or radio or a conversation. Choose one thing you have listened carefully to and tell someone else about it, making sure you include the important information.

Skill: Speaking

Imagine you have been asked to speak on a podcast about things to do in your local area. Prepare a short speech detailing all the things you enjoy doing in your community. Practise what you will say and then you could record your presentation to share afterwards or do a live performance! Invite your 'Listeners' to ask you questions about your speech.

Skill: Problem Solving

Consider the problem: You need to pack as many things as you can into a container, such as a shoe box, a suitcase or another container of some kind. How will you go about this? Try different arrangements to see the maximum number of items you can get into the container space. You might want to challenge a family member to see if they can match or better your total. Make the challenge harder by making it so some irregular shaped items have to be included.

Skill: Creativity

Take a look at a map of the world. Choose a country that interests you. Find out about the food of that country.

Imagine you have been asked to design a menu which includes food from that country. Which foods might you include on that menu? How many different ideas can you come up with?

Create an example menu and include pictures of the dishes to show your family. You may want to challenge them to choose another country and do the same.

Skill: Adapting

When inventing the lightbulb Thomas Edison tried and failed many times. He is quoted as saying, 'I have not failed. I have just found 10,000 ways that do not work'.

Talk to a family member about this quote. Share your feelings about a time when you have experienced a sense of failure and how you kept going.

Skill: Planning

Consider a goal that you would like to achieve in the next few weeks or months of the year. What are the steps you will need to take to reach your goal?

Draw these as stepping stones and write down 3 actions you should take to help you reach your goal.

Share your drawing with a family member and talk about what you are going to do. They may have some great ideas and encouragement to help you

Skill: Leadership

Plan a picnic for all of the family to enjoy - it could be at home or out and about. What do you need to prepare beforehand? Can you share out the jobs that need to be done with others in your household and let everyone know their role and responsibility? Think about who would be best at which jobs and why.

Skill: Teamwork

When you are out in the garden, at the park, woods or the seaside with your family, work together to create a piece of natural art. Encourage everyone to join in and decide together where to make the art, what to use and what it will look like. Work as a team to gather natural resources such as sticks, leaves, stones or shells to create your art. Can you share ideas and come to an agreement about the design? Can you help each other creating it?



We will give 1 credit for each skill completed and additional credits for reflection questions.

THE HIVE'S CHILDREN'S UNIVERSITY CLUB

AUTUMN 2025

When you have completed your chosen activities, keep a record here and send to us with your evidence and we will send you your codes.

Email Istout@thehive-croydon.org