

## Science

I am sending you a copy of the [Galapagos Conservation Trust's Marine Iguana magazine](#).

### Pack 7 Science Discovering Galapagos

In it you can learn about one of the most iconic animals of the Galapagos – the Marine Iguana. Make sure that you read Page 7 (**What is evolution?**) and Page 8 (**What is adaptation?**).


## STEM 1

### International Women in Engineering Day


Research a female engineer who has made a big impact on the world. Decide what the world would be like if their engineering solution did not exist. Make a poster or write a story and enter the network Rail competition:

**This is a good place to start:**


<https://pstitt.org.uk/resources/curriculum-materials/Science-at-Work>



INTERNATIONAL WOMEN  
In ENGINEERING DAY  
23 June 2020



**Competition**  
8 June - 5 July 2020



**NetworkRail**

# International Women in Engineering Day

International Women in Engineering Day is an annual day of celebration and awareness for women working in engineering

Do you have a child or children aged: **5-8, 9-11 or 12-14?**

If so... Network Rail are launching a competition for these age groups!


We would love your child or children to research a female engineer who they think has had huge impact on the world, and tell us what the world would be like if that engineering solution did not exist.

Their entry should be in the form of a poster or a story.


Details of how to enter can be found at: [www.networkrail.co.uk/stories/educational-resources-for-children](http://www.networkrail.co.uk/stories/educational-resources-for-children)

Entries will be judged by a panel of experts and your child or children could win some amazing prizes!


These are examples of some great female engineers:



**Agnes Marshall**  
Who was granted a patent for an ice cream machine that could freeze a pint of ice cream in five whole minutes!



**Marie Van Brittan Brown**  
Marie was the inventor of the first home security system!

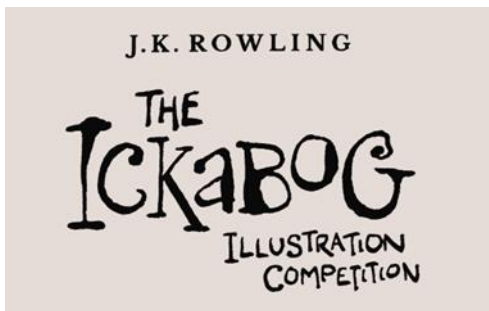


**Mary Anderson**  
Who, in 1903, was granted her first patent for windscreen wipers!

For further information and competition terms and conditions please visit: [www.networkrail.co.uk/stories/educational-resources-for-children](http://www.networkrail.co.uk/stories/educational-resources-for-children)

## Art 1

Design an illustration for JK Rowling's new book.



### Competition for budding artists aged 7-12.

J. K. Rowling is inviting parents and guardians to submit their children's *The Ickabog* illustrations for a chance to be featured in her new book.

Open to the UK & IE, Australia, New Zealand and India. Children must be between 7-12 years old. Competition closes 17th July 2020. Full T&Cs apply <https://bit.ly/IckabogTCs>

[https://theickabogcompetition.com/?utm\\_source=CRM&utm\\_medium=email&utm\\_content=&utm\\_campaign=e.hc\\_hachetteschools\\_nl\\_20.06.05\\_ickabog](https://theickabogcompetition.com/?utm_source=CRM&utm_medium=email&utm_content=&utm_campaign=e.hc_hachetteschools_nl_20.06.05_ickabog)

## PHSE 1

### Activity: The Worry Jar



- What are the things you tend to worry about which might stop you from trying something new or hard?
- Write them down on strips of paper (or you can write them down in your booklet).
- Put those strips of paper in a worry jar – any jam jar or a pot will do.
- In a week's time, look at the strips of paper again (maybe with a parent or sibling) and see if the worries still apply.
- Throw away the ones that don't.
- Take a look at the ones that are still worrying you. Is there someone you can talk to about these?

## PHSE 2 Stay safe on-line

### Simple 15 minute activities to do with an adult

No doubt over the past few months you've heard people talk about the latest Tik Tok challenges or their favourite celebrity's lockdown live stream.

This activity pack for parents and carers to deliver to their children explores how children and young people can stay safe while live streaming:

[https://www.thinkuknow.co.uk/parents/Support-tools/home-activity-worksheets/11-13s/?utm\\_source=Thinkuknow&utm\\_campaign=d422803b43-TUK\\_ONLINE\\_SAFETY\\_AT\\_HOME\\_16\\_06\\_20&utm\\_medium=email&utm\\_term=0\\_0b54505554-d422803b43-64864137](https://www.thinkuknow.co.uk/parents/Support-tools/home-activity-worksheets/11-13s/?utm_source=Thinkuknow&utm_campaign=d422803b43-TUK_ONLINE_SAFETY_AT_HOME_16_06_20&utm_medium=email&utm_term=0_0b54505554-d422803b43-64864137)

## ART 2

### Here is a message from the Natural History Museum:

We may be stuck indoors but that doesn't mean we have to stop enjoying nature. You can draw, paint or sculpt - anything that shows off your artistic side. No matter your experience, we want to see what you're creating.

<https://www.nhm.ac.uk/events/nature-drawing-club.html>

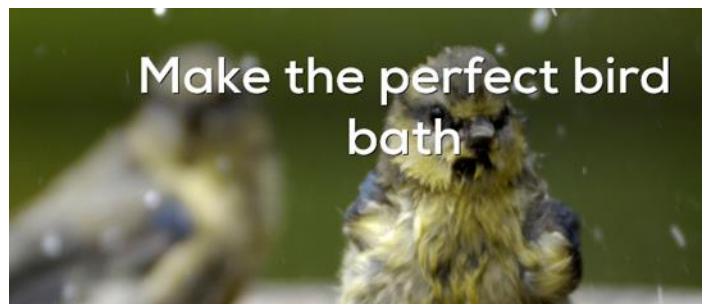


## Nature Drawing Club



## DT 1 Make a Birdbath

Give birds a safe and reliable way to find fresh water – essential in both cold and hot weather. Watching your garden birds coming for a drink, or for a brush up can be quite a performance! So sit back and watch them having a good, splashy bath – who needs TV?



You can make your birdbath at any time of year, but summer really is a critical time when water can be scarce for birds.

You'll often see blackbirds and flocks of starlings taking a dip, while woodpigeons may just sit in the water to cool off. Bathing helps birds keep their feathers in tip-top condition.

<https://www.rspb.org.uk/get-involved/activities/give-nature-a-home-in-your-garden/garden-activities/maketheperfectbirdbath/>

## DT 2 Be a Competition Judge of the Longitude Explorer People's Choice Award



You have until Friday 3 July 2020 to vote for the next big technology out of our list of Finalists in the Longitude Explorer Prize.

Vote for your favourite idea and help young people win £5k for their school or youth group!

Step 1: Check out the list of amazing solutions designed by young people below

Step 2: VOTE for your favourite

Step 3: Share with everyone you know and why they should vote as well!

<https://longitudeexplorer.challenges.org/>

## PHSE 2



<https://live.firstnews.co.uk/positivity-place/>

## Art 3 Children's Art Week

<https://engage.org/happenings/childrens-art-week/>

29 June – 19 July 2020

Children's Art Week is a UK-wide programme run by Engage, the National Association for Gallery Education. In 2020, Children's Art Week will take place online, at home and in schools across three weeks in June and July. Each week will focus on a special theme.

Our 2020 themes are...

Week 1 (from 29 June): The Natural World

Week 2 (from 6 July): Connecting across generations

Week 3 (from 13 July): Literacy and creative writing

Children's Art Week is a fantastic opportunity to encourage families, children and young people and schools to take part in fun, creative activities that they might not have tried before.

**Registration will close Thursday 25 June.**

## PE Bingo Physical Activity