



# Using digital technologies to develop digital citizenship skills in 1st & 2nd Class

**Leanne Lynch**

PDST Primary Digital Technology Advisor



# Why is it important to develop our 1st & 2nd class pupils' digital citizenship skills?



**Digital world  
around us**



**Online activities  
at home**

# How can we develop digital citizenship awareness and skills in 1st and 2nd class?



# How can we develop digital citizenship awareness and skills in 1st and 2nd class?



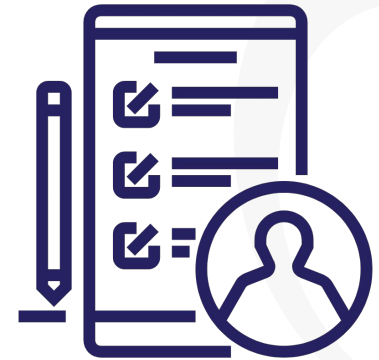
# Key Points to Consider



**Simplicity**



**Model**

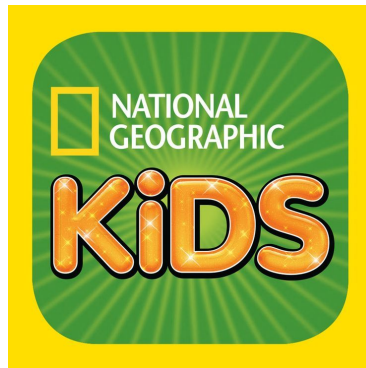
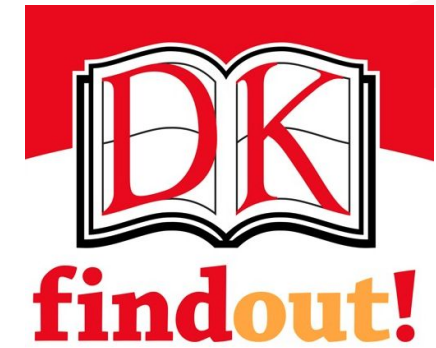


**Expectations**



# Finding Reliable Information Online

# Online Digital Library, Encyclopaedias and Search-Engine



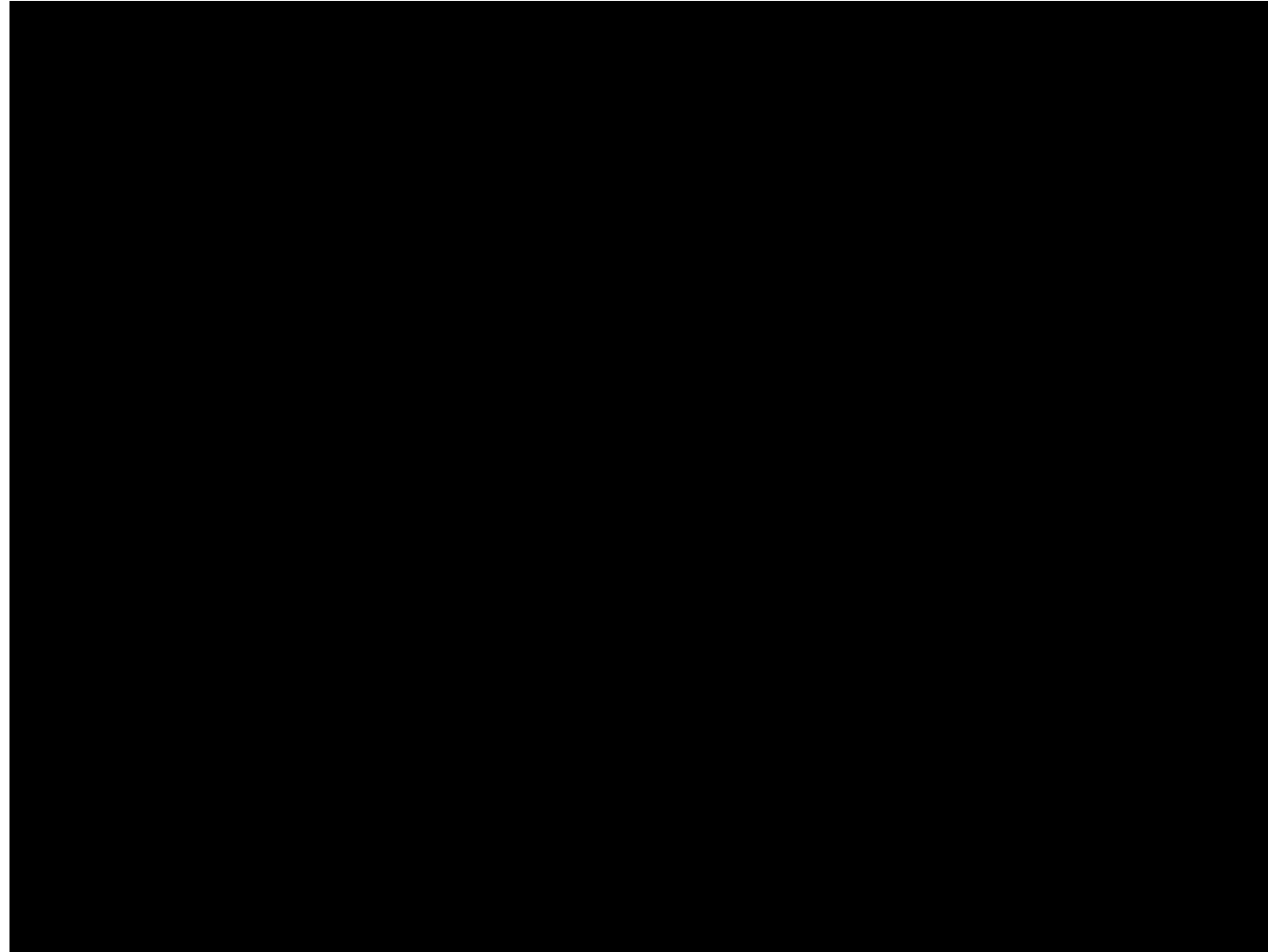


# Online Digital Library: Epic!

The screenshot displays the Epic! School website interface. At the top left is the 'epic! SCHOOL' logo. Navigation links for 'HOME' and 'EXPLORE' are visible. A search bar contains the text 'Search by Author, Title, or Keyword'. On the right, there are icons for 'My Library', 'My Students', and 'Ms. Lynch'. Below the navigation is a carousel of featured content: a book cover for 'Willie Bea and the Time the Martians Landed', a 'CAT NINJA-THON' event banner for Sept. 13 - Oct. 17, and a book cover for 'If You Come to Earth' by Sophie Blackall. A horizontal menu below the carousel includes 'RECOMMENDED', 'AR', 'COMICS', 'READ TO ME' (which is highlighted with a blue underline and a cat icon), 'VIDEOS', and 'AUDIOBOOKS'. Under the 'Explore by Grade:' section, '2nd Grade' is selected. The 'Read To Me For Ms. Lynch' section features a row of seven book covers: 'Who Was Helen Keller?', 'The Whispering Town', 'The Wren and the Sparrow', 'BIGFOOT', 'MY FAVORITE SPORT SWIMMING', '3 NATIONAL GEOGRAPHIC KIDS Albert Einstein', and 'Bethany HAMILTON'. Each book cover has a green 'Read To Me' button with a speaker icon at the bottom.



# Epic! Overview



# Online Encyclopaedia: Britannica School

Select learning for any level.



250 Britannica School Elementary SEARCH Educators Help My Britannica

## Do You Know?

How long does it take for food to travel the length of the digestive tract?

48 to 96 hours 24 to 72 hours  
10 to 12 hours 3 to 5 hours

< Previous 1 of 3 Next >

## Explore

Articles Images & Videos Biographies

## bee

Reading Level 1 2

### Introduction

Bees are **insects** related to **wasps** and **ants**. They live all over the world except Antarctica. There are more than 20,000 species, or types, of bee. The best-known kinds are honeybees and bumblebees. People have kept honeybees for their honey for at least 4,000 years. Honeybees also produce beeswax, which people use to make candles.

### Physical Features

Adult bees range in length from about 0.08 to 1.6 inches (0.2 to 4 centimeters). They usually have short, thick bodies covered with hair. Most bees are black, often with yellow or brown markings. Like all insects, bees have six legs. They have two pairs of wings and five eyes. They also have mouth parts that act like a long tongue. Female bees also have a stinger. Male bees cannot sting.

### Role in Pollination

### Behavior

### Colony Collapse Disorder

**Bumblebee**  
Lilyan Simmons

3:23 1:14 1:22

**Did You Know?**  
Honeybees keep their food in honeycombs, which are made of wax produced by the bees' bodies.

Related Teacher


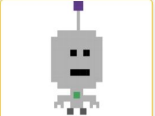












# Online Encyclopaedia: DK Find Out!

Subjects ▾

Search this site 🔍

**DK findout!**  
What do you want to find out?

Parent or teacher? ▾ Books


 Animals and Nature	 Computer coding	 Dinosaurs and Prehistoric Life	 Earth	 English
 History	 Human Body	 Maths	 Music, Art, and Literature	 Science
 Space	 Sports	 Transport	 More Find Out	


**DK findout!** Subjects ▾ I want to find out about... 🔍 Are you a parent or teacher? ▾

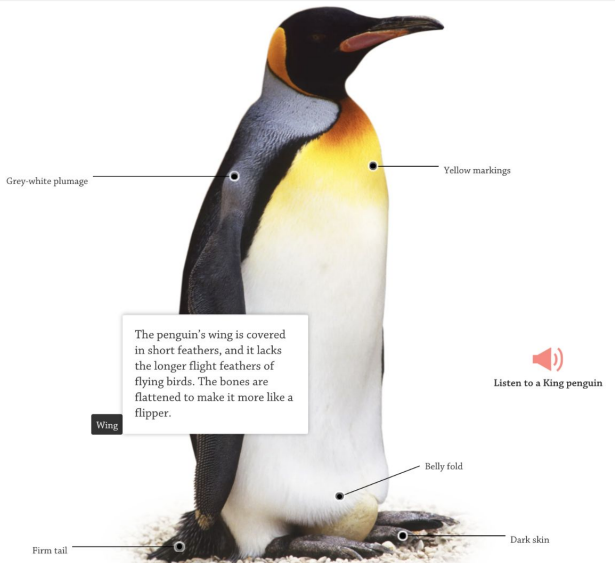
## Penguins

Penguins are birds, but they cannot fly. They are, however, expert swimmers. Penguins have strong breast muscles, which allow them to flap their wings and "fly" through water to catch fish and shrimps. A penguin's webbed feet are good for underwater steering because its legs are set far back on its body. But this means it moves awkwardly on land, where it can only waddle or hop. To move more quickly, a penguin slides over the snow on its belly, while pushing with its wings. All penguins are dark grey with a white underside. An oil gland at the base of the tail keeps the small, densely packed feathers greasy. This traps body heat and makes the penguin waterproof. Penguins live in large groups called colonies, but pairs form strong bonds and both parents look after the chicks together. Many penguins live in the chilly waters around Antarctica.

**Penguins can dive underwater more than 200 times each day.**

 **Test your knowledge of birds**

 **King penguin up close**



Listen to a King penguin 🔊

The penguin's wing is covered in short feathers, and it lacks the longer flight feathers of flying birds. The bones are flattened to make it more like a flipper.

# Online Encyclopaedia: National Geographic Kids

## POPULAR ANIMALS



Giant Panda



Bottlenose Dolphin



Cheetah



Adélie Penguin



Red-Eyed Tree Frog



Animal LOL



Amazing animals videos



Animal Close-ups



Animal Showdown



Awesome Animal Vets

## Giant Panda

High in dense bamboo forests in the misty, rainy mountains of southwestern China lives one of the world's rarest mammals: the giant panda, also called the panda. Only about 1,500 of these black-and-white relatives of bears survive in the wild.

**COMMON NAME:** Giant Panda

**SCIENTIFIC NAME:** *Ailuropoda melanoleuca*

**TYPE:** Mammals

**DIET:** Omnivore

**AVERAGE LIFE SPAN IN THE WILD:** 20 years

**SIZE:** 4 to 5 feet

**WEIGHT:** 300 pounds



Pandas eat almost nothing but bamboo shoots and leaves. Occasionally they eat other vegetation, fish, or small animals, but bamboo accounts for 99 percent of their diets. Pandas eat fast, they eat a lot, and they spend about 12 hours a day doing it. The reason: They digest only about a fifth of what they eat. Overall, bamboo is not very nutritious. To stay healthy, they have to eat a lot—up to 15 percent of their body weight in 12 hours—so they eat fast.



# Wonderopolis

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Where the Wonders of Learning Never Cease®  
**WONDEROPOLIS®**

Search Wonderopolis... 

Wonder of the Day #2816  
**Who Created Fudge?**  
We hope you're ready for another SWEET Wonder of the Day!

**CATEGORY:**  
ARTS & CULTURE — Food

**TAGS:**  
Arts And Culture, Food, Fudge, Inventor, Recipe, Mackinac Island.



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Wonder of the Day #2309  
**Where in the World is Machu Picchu?**  
Today's Wonder of the Day will have you ready to get away!

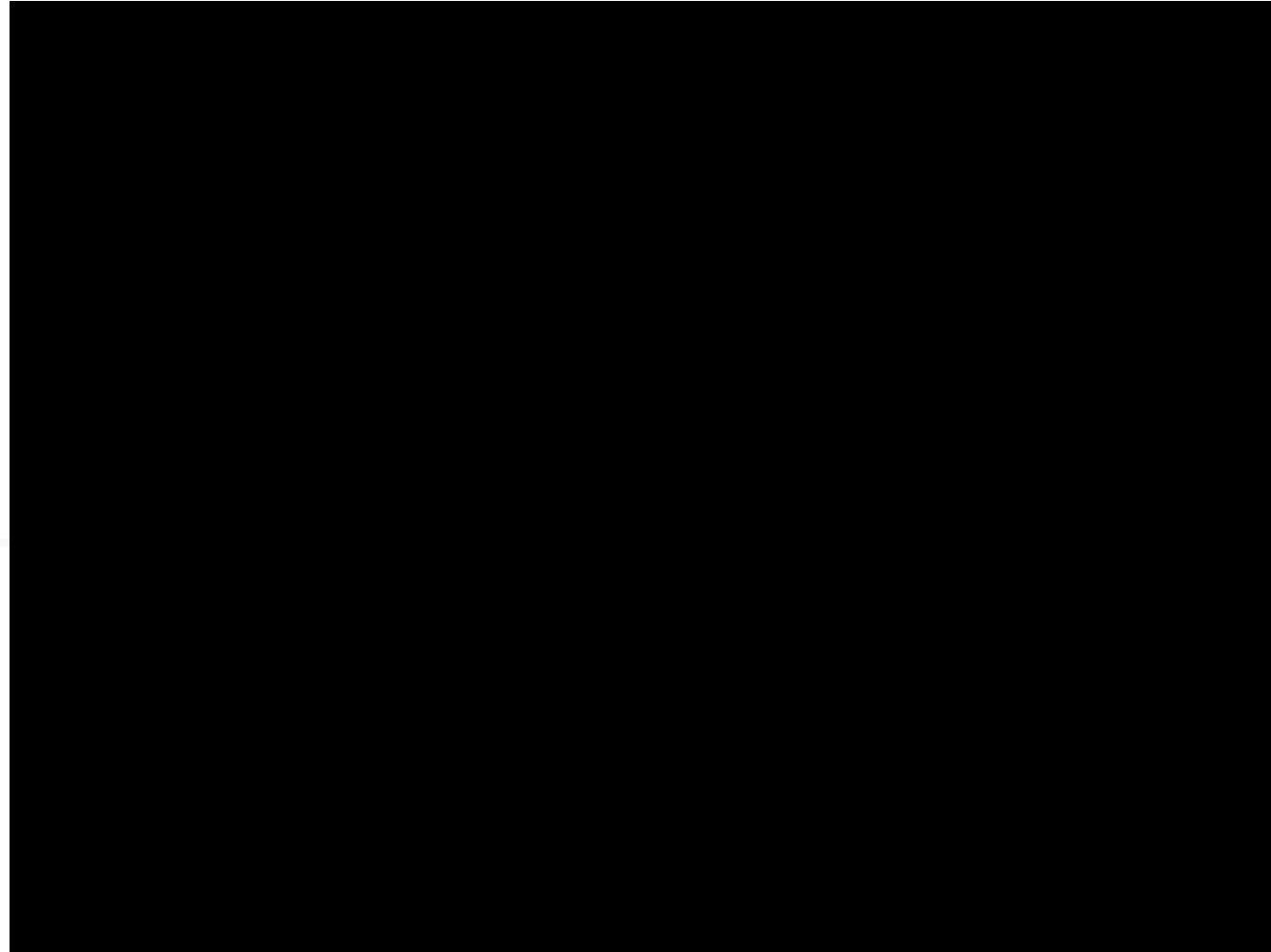
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SOCIAL STUDIES — Geography

**TAGS:**  
Peru, Inca, Empire, City, Mountains, Vacation.

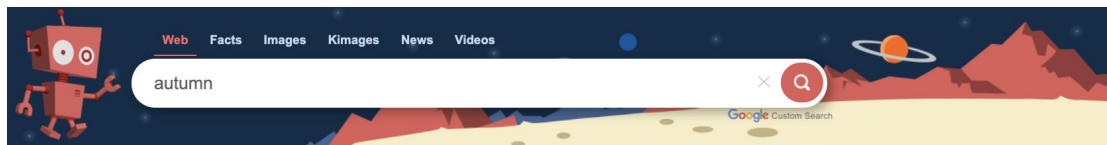




# Wonderopolis Overview



# Safe-Search Engine: Kiddle



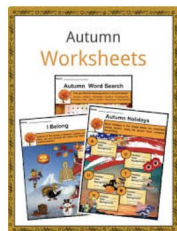
There's a page named [Autumn](#) on Kiddle encyclopedia. See also the other search results found.  
**Autumn - Kiddle encyclopedia**

About 181,000,000 results (0.23 seconds)



## Autumn Facts for Kids

**Autumn** is a time when most animals are looking for food so they can store up for winter, because they soon will be going into hibernation. The weather gets ...  
<https://kids.kiddle.co/Autumn>



## Autumn Facts, Worksheets, Information & Key Characteristics For Kids

**Autumn** is one of the four seasons on Earth and is the transition from Summer into Winter. In North America, **Autumn** is also known as the **fall**, in which both ...  
<https://kidsconnect.com/holidays-seasons/autumn/>



## Autumn Animals! - National Geographic Kids

Check out some stunning photos of beautiful **autumn** animals here at NG Kids. ...  
What's YOUR favourite **autumn** animal? ... 10 Chimpanzee **Facts**.  
<https://www.natgeokids.com/ie/discover/animals/general.../autumn-animals/>



## Autumn Facts for Kids | LoveToKnow

**Fall** Weather **Facts** · The first day of **fall** is known as the **autumnal** equinox and is usually on or around September 22nd. · In the Northern hemisphere, nights get ...  
[https://kids.lovetoknow.com/wiki/Autumn\\_Facts\\_for\\_Kids](https://kids.lovetoknow.com/wiki/Autumn_Facts_for_Kids)



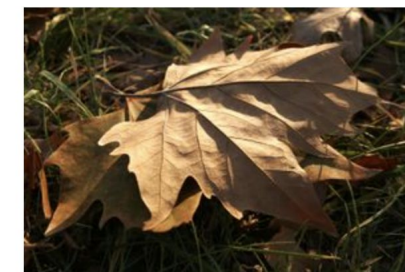
## Autumn facts for kids

### Kids Encyclopedia Facts

**Autumn** is the **season** after **summer** and before **winter**. In the **United States** this season is also called **fall**. In the **Northern Hemisphere**, it begins with the autumnal **equinox** in **September** and ends with the winter **solstice** in December. In the Southern Hemisphere, it runs from the autumnal **equinox** in March to the winter **solstice** in June.



Gardens of Schönbrunn in autumn



Fallen autumn leaves

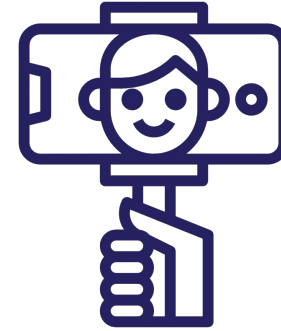
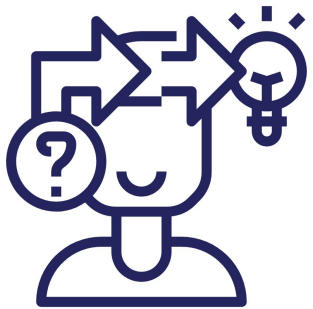
In many places in the **temperate zone**, autumn is a time for **harvesting** most crops. **Deciduous** trees (trees that lose their **leaves** every year) lose their leaves, usually after turning yellow, red, or brown. In many countries, autumn is the time a new **school year** starts. In the UK, the period of school between the start of September and the end of December is known as the 'Autumn Term'.

When it is autumn in the **Northern Hemisphere**, it is **spring** in the **Southern Hemisphere**. When it is autumn in the Southern Hemisphere, it is spring in the Northern Hemisphere. On the Equator, autumn is very much like spring, with



# Digital Content Creation

# Digital Content-Creation



# Write Reader

The screenshot displays the WriteReader web application interface for a user named Rang Leanne. At the top, there is a navigation bar with the WriteReader logo, the user's name, an 'Upgrade now' button, and a menu icon. Below this is a secondary navigation bar with options: 'My classes', 'Users', 'Books', 'Template library', and 'Settings'. A toggle switch is set to 'Class books', and a dropdown menu shows 'My books'. The main content area features a bookshelf with two rows of book covers. The top row includes 'Writing Prompts', 'Remote Learning', 'How to use', 'My Fairytale', 'Signs of Spring', 'Planets', and 'Buildings'. The bottom row includes 'Signs of Winter', 'Dublin Zoo', 'Easter', and 'Mé Féin'. A plus sign button is located in the bottom right corner of the bookshelf area.

**WriteReader** Rang Leanne [★ Upgrade now](#)

< My classes Users Books Template library Settings

Class books  My books

Reading room Tags Print & Download Delete books Recover books

**Writing Prompts**  
By WriteReader  
Inspiration

**Remote Learning**  
By WriteReader  
Inspiration

**How to use**  
By WriteReader  
Inspiration

**My Fairytale**  
Rang Leanne

**Signs of Spring**  
Rang Leanne

**Planets**  
Rang Leanne

**Buildings**  
Rang Leanne

**Signs of Winter**  
1st and 2nd Class

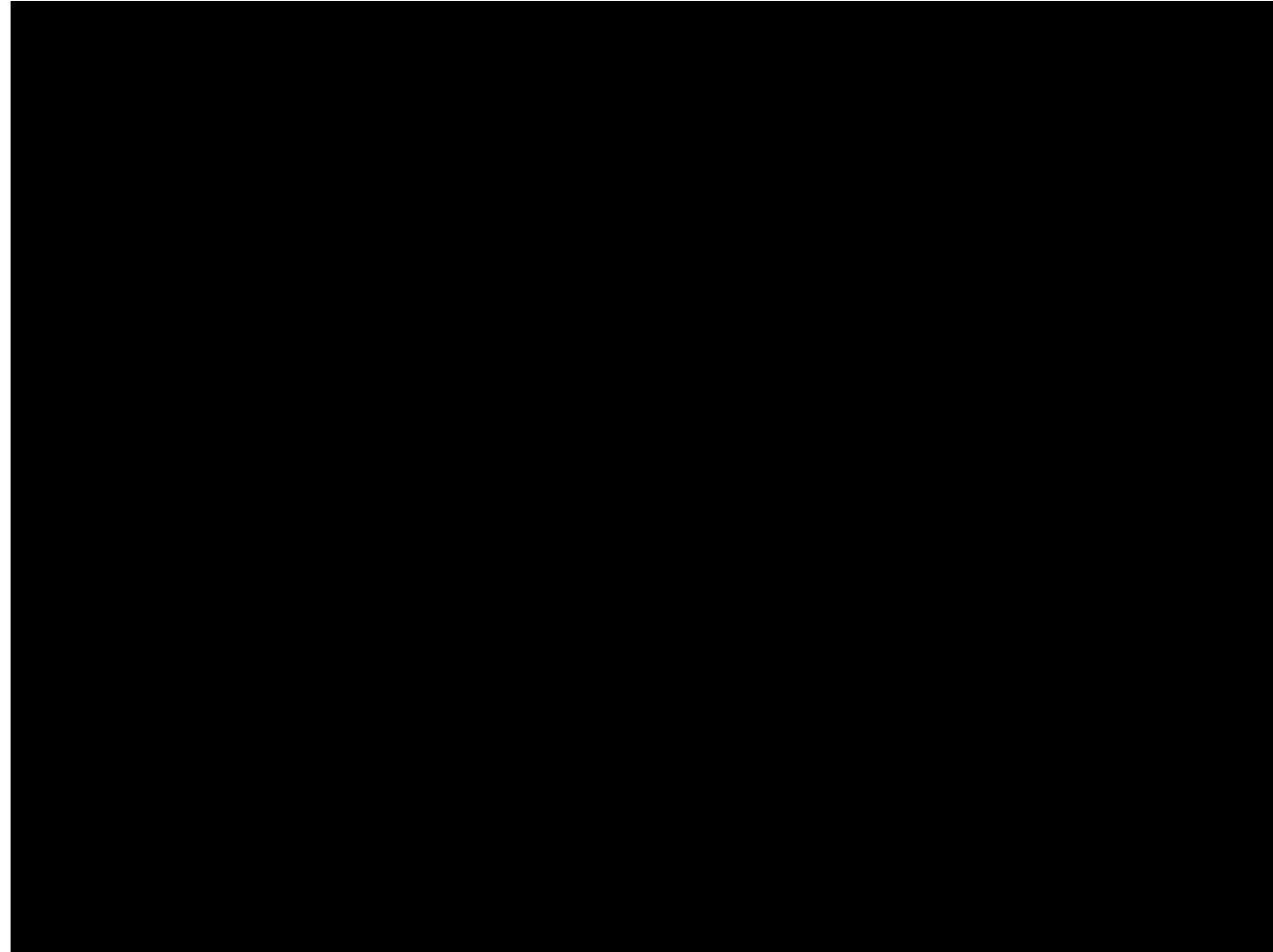
**Dublin Zoo**  
1st Class

**Easter**  
Rang Leanne

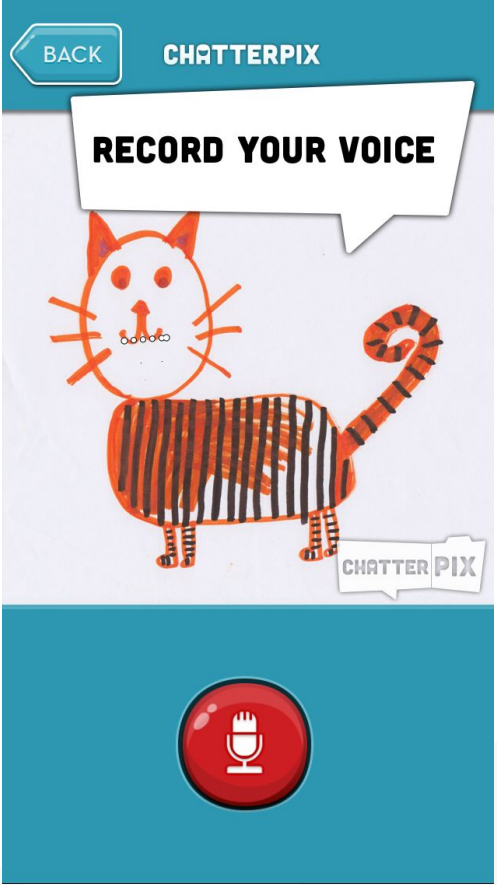
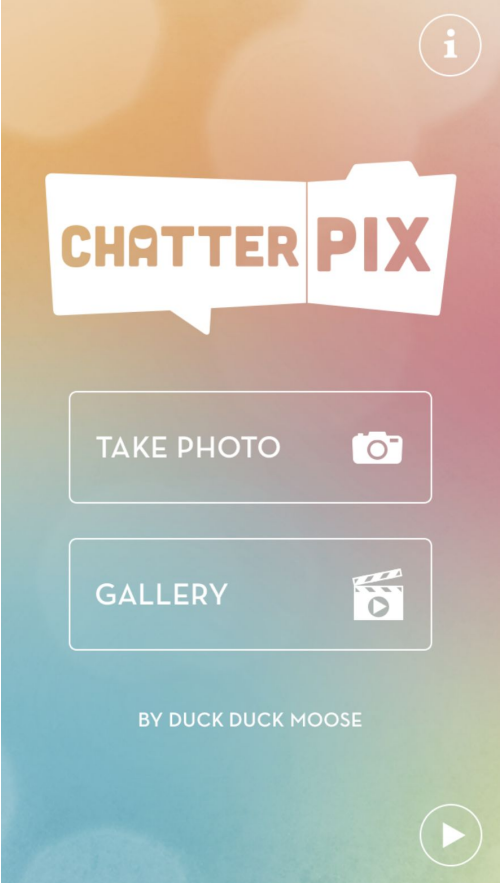
**Mé Féin**  
Rang Leanne



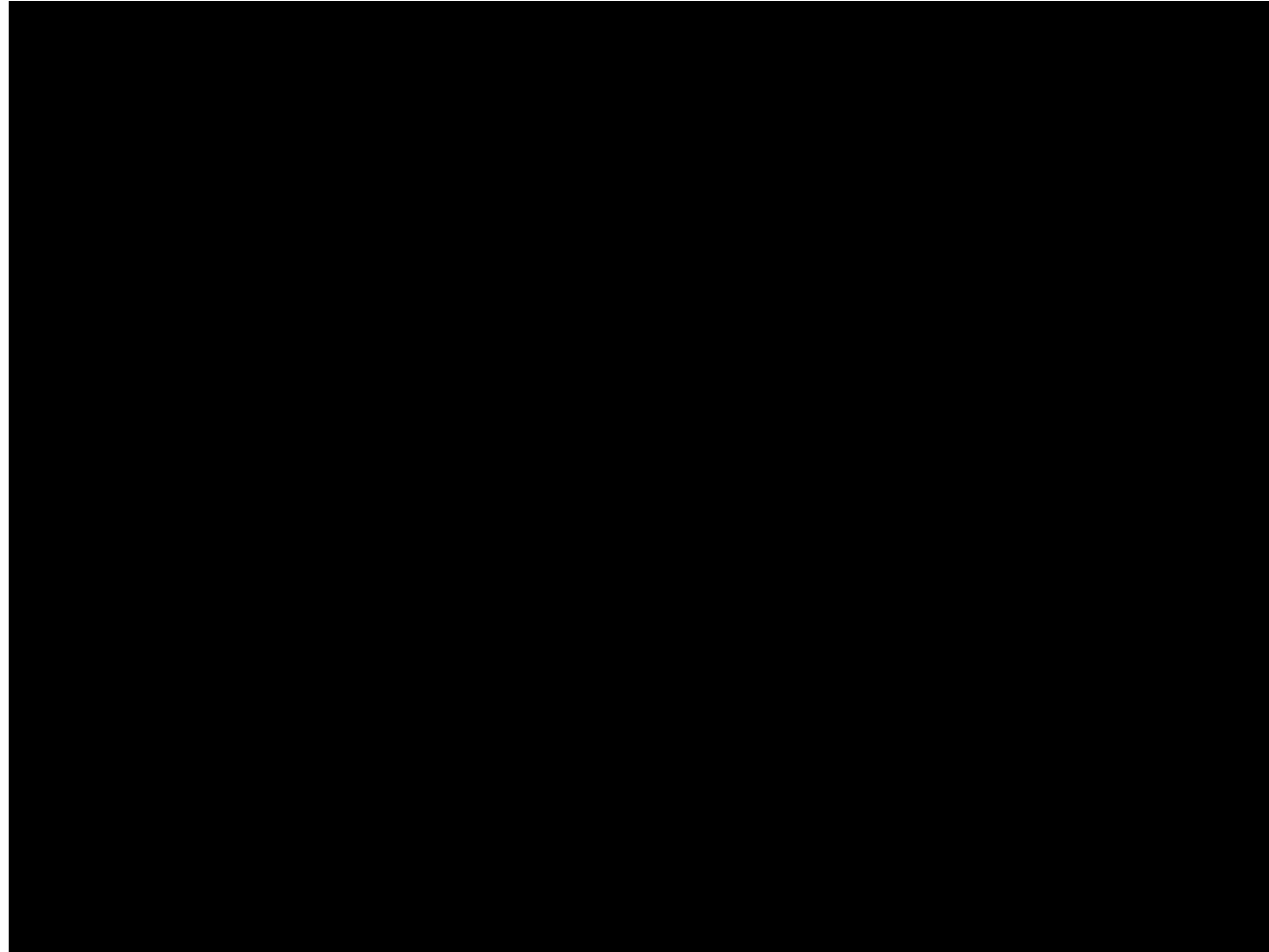
# Write Reader Overview



# ChatterPix



# ChatterPix Animation



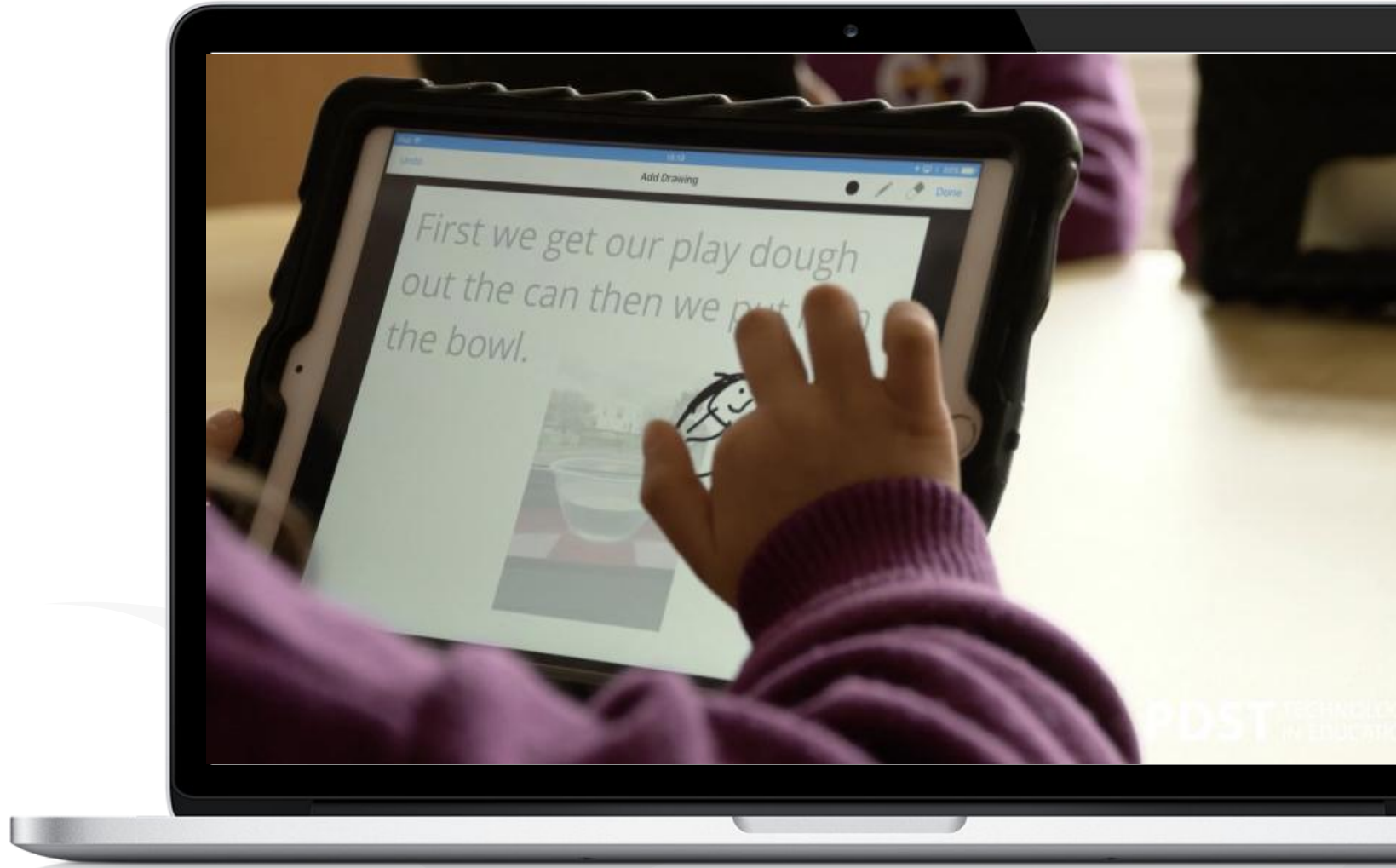
# Book Creator and Scratch JR



Book Creator



Scratch Jr







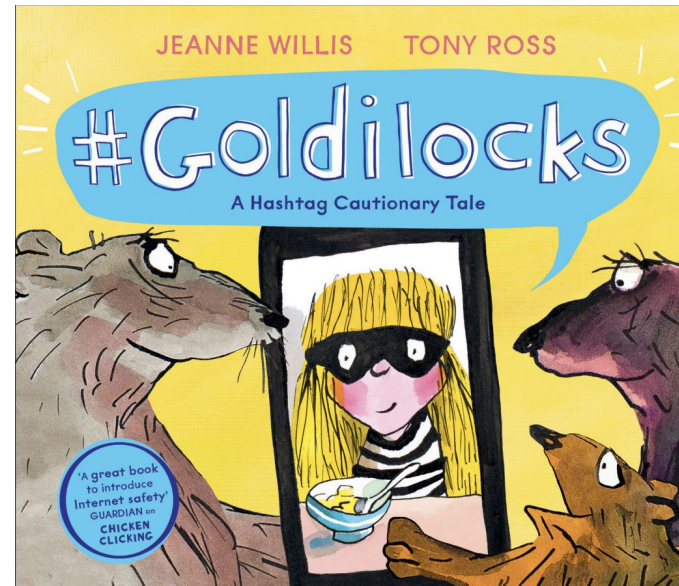
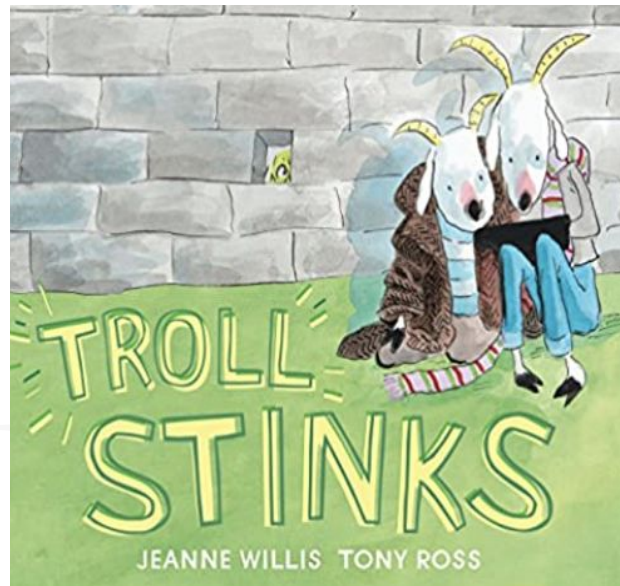
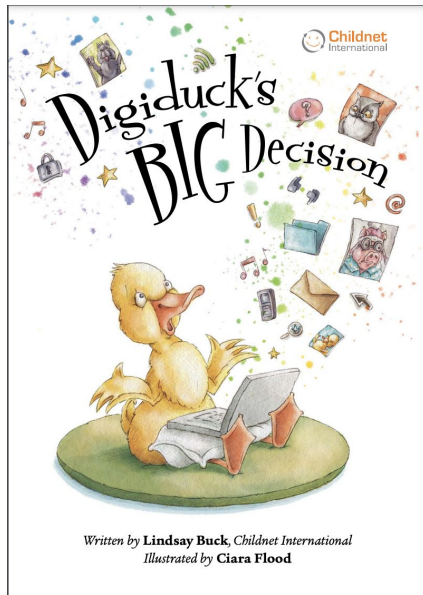
**PDST** TECHNOLOGY  
IN EDUCATION





# Online Communication

# Storybooks: Respectful Online Communication

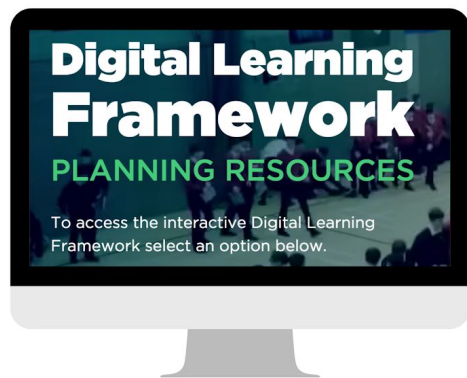


# Final thought....

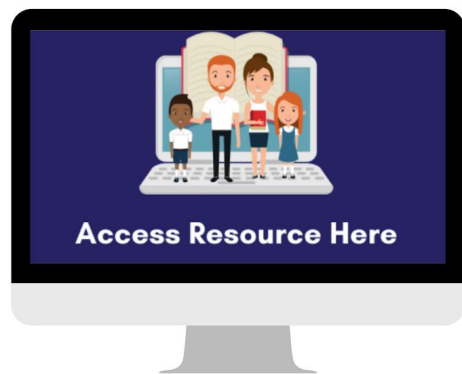
Be kind.  
Unless you can  
be fantastic. Then  
be fantastically  
kind.



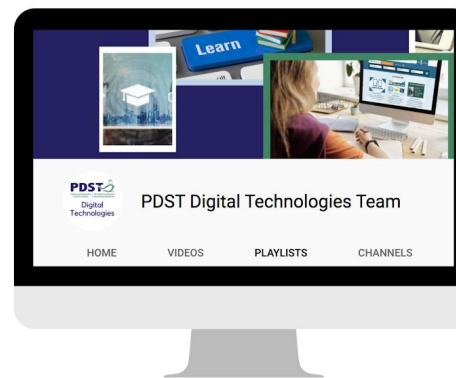
# PDST Supports



DL Planning



Blended Learning



PDST YouTube Channel



School Support