

HOW DO THINGS AROUND ME CHANGE?

WINTER

This project invites the children to develop their observation skills in the local area. They learn about the natural changes that happen during the season of winter, including how the weather changes, and why animals hibernate. It teaches children that change is a natural part of living as we look at the changes that occur as we grow up and grow older.

Key Knowledge:

- Recognise signs of Winter
- The weather and some plants and trees change with the seasons.
- In winter, the weather is colder. Deciduous trees lose their leaves, evergreen trees stay green.
- Hibernation helps animals stay warm in the cold winter when there is no food
- Identify weather that is expected in winter – rain, hail, sleet, ice and sometimes snow.
- Know that water changes from a liquid to a solid (ice) in the cold weather.
- Know that people change as they grow older
- Know the different stages of life – baby, child, teenager, adult, old person

Key Vocabulary: hibernate, winter, cold, deciduous, evergreen, rain, hail, sleet, snow, ice, freeze, thaw, frost, temperature, baby, child, teenager, adult, old person

MAKING CHANGE HAPPEN

This project looks at how people can make change happen by learning about the technology that is part of their daily lives and how machines help us. The project gives children the opportunity to build and create marvellous machines, encouraging them to become **resilient** learners as they make and improve their models.

Key Knowledge:

- Know that a machine is a human-made device.
- Know that machines use power to make them move or perform an action.
- Know that sound is created when something vibrates. Sound waves travel through air, water and solid objects.
- Know that batteries power electrical devices, such as torches and toys.
- A battery is a store of electric power.
- A robot is a machine that does a task.
- Robots only do what a person has built them to do.
- Some materials are magnetic, which means that they are attracted to (pull towards) a magnet. Some metals are magnetic. Other materials are non-magnetic, such as wood, dough and glass.
- Vehicles are machines that transport people or goods.
- A mechanic is a skilled worker who repairs and maintains vehicle engines and other machinery.

Key Vocabulary: vehicle, wheel, axle, transport, machine, communicate, technology, battery, electricity, sound, vibration, robot, instructions, magnet, magnetic, metal



'Be Courageous, be strong. Do everything in love'

1 Corinthians 16 v13-14

WINTER AND NATURAL CHANGES

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TEXTS

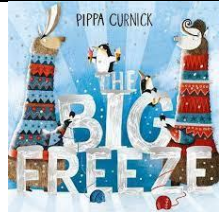


All About Animals in Winter by Martha E. H. Rustad

DRAWING
CLUB
CORE
BOOKS,
STORIES,
FILMS

Adventure of Books: WOULD YOU RATHER...? BY JOHN BURNINGHAM
Adventure of Tales: THE MAGIC PORRIDGE POT
Adventure of Film: WACKY RACES <https://youtu.be/em2iMFhp9mM>

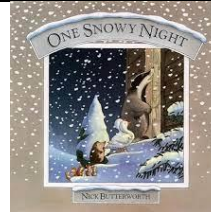
LINKED
TEXTS



The Big Freeze by Pippa Curnick



Snowflakes by Cerrie Burnell



One Snowy Night by Nick Butterworth



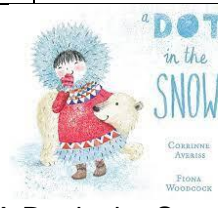
One Winter's Day by M. Christina Butler



Brrrr: A Book of Winter by Il Sung Na



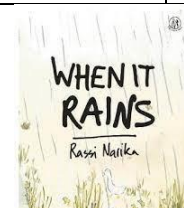
Robin's Winter Song by Suzanne Barton



A Dot in the Snow by Corinne Averiss



Jack Frost By Kazuno Kahara



When it Rains by Rassi Narika



James and the Rain by Karla Kuskin

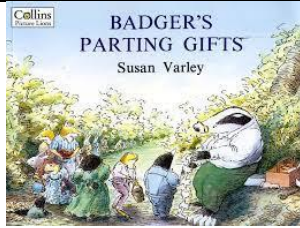


Baking Day at Grandma's by Anika Denise

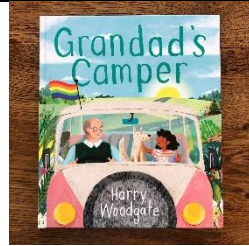


'Be Courageous, be strong. Do everything in love'

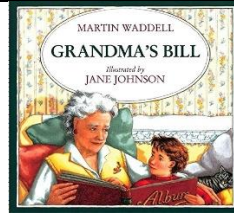
1 Corinthians 16 v13-14



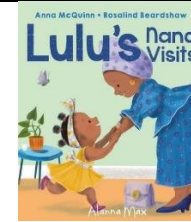
Badger's Parting Gifts by Susan Varley



Grandad's Camper by Harry Woodgate



Grandma's Bill by Martin Waddell



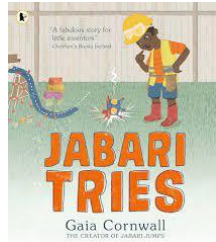
Lulu's Nana Visits by Anna McQuinn



Our Favourite Day Author: Joowon Oh

MAKING CHANGE HAPPEN

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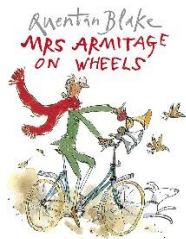


Jabari Tries by Gaia Cornwall

DRAWING
CLUB CORE
BOOKS,
STORIES,
FILMS

Adventure of Books: STUCK BY OLIVER JEFFERS
Adventure of Tales: RUMPLESTILTSKIN
Adventure of Film: BAT FINK – THE SHORT CIRCUIT
CASE <https://www.youtube.com/watch?v=DpGk7p7QPjk>

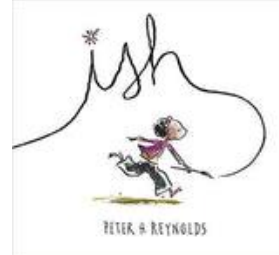
LINKE
D
TEXTS



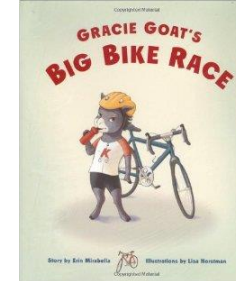
Mrs Armitage on Wheels by Quentin Blake



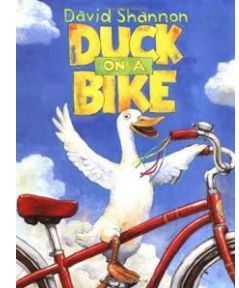
Mrs Armitage Queen of the Road by Quentin Blake



Ish (Creatology) by Peter H Reynolds



Gracie Goat's Big Bike Race by

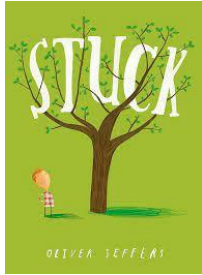


Duck on a Bike by David Shannon

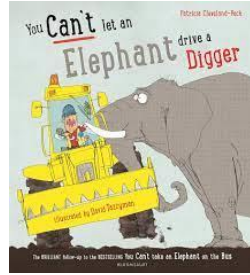


'Be Courageous, be strong. Do everything in love'

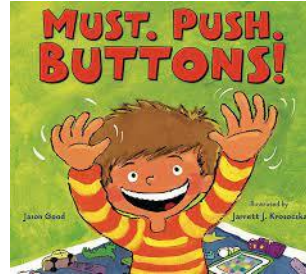
1 Corinthians 16 v13-14



Stuck by Oliver Jeffers



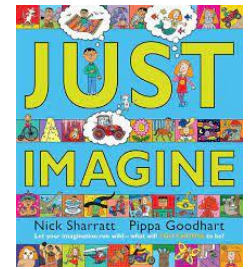
You can't let an Elephant Drive a Digger by Patricia Cleveland-Peck



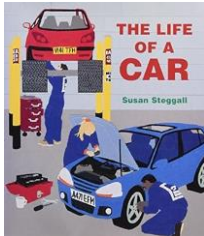
Must. Push. Buttons. by Jason Good



The Story Machine by Tom McLaughlin



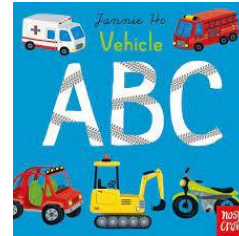
Just Imagine by Pippa Goodheart



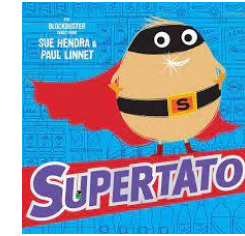
The Life of a Car by Susan Staggall



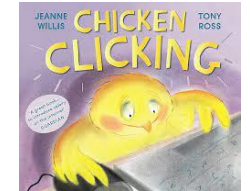
No-Bot the Robot with no Bottom by Sue Hendra



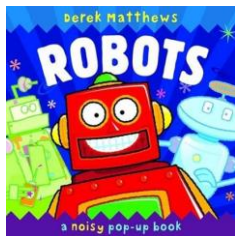
Vehicle ABC by Jannie Ho



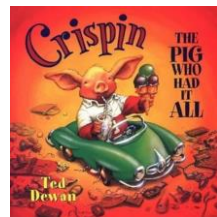
Supertato by Sue Hendra



Chicken Clicking (Online Safety Book) by Jeanne Willis



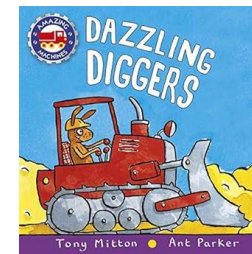
Robots: A Noisy Pop-Up Book by Libby Hamilton



Crispin, The Pig who had it All by Ted Dewan



Webster's Email by Hannah Whaley



Dazzling Diggers By Tony Mitton (plus others in series)



Mighty Machines (First Facts and Flaps, 6)



'Be Courageous, be strong. Do everything in love'

1 Corinthians 16 v13-14

					by Campbell Books and Lon Lee
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'Be Courageous, be strong. Do everything in love'
1 Corinthians 16 v13-14