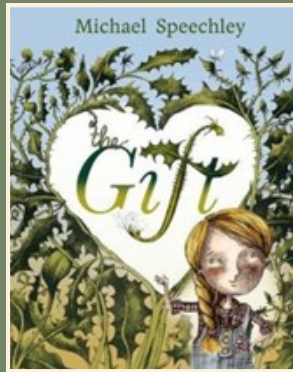
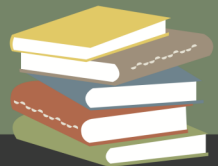
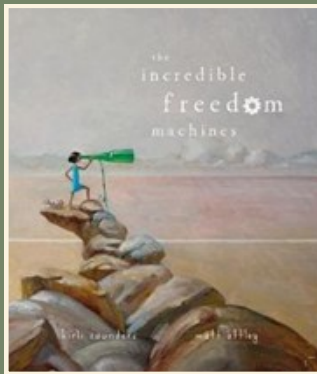


Escapade @ Home

Spring Fever



Ages
6-9



What's in the Bag?

To keep you entertained these school holidays we have a bag of activities for you!

All the activities in this bag are based on 2 books that we know you will love, 'The Gift' by Michael Speechley and 'The Incredible Freedom Machines' by Kirli Saunders.

So get reading and enjoy!



In your bag you will find:

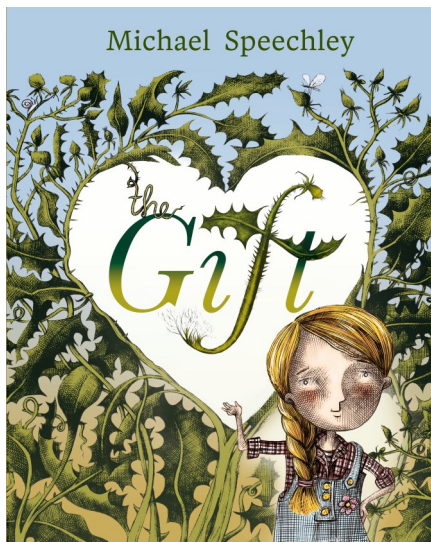
- **This booklet (but you already figured that out)** - Full of fun activities ideas to keep you entertained
- **Build your own Sprout House Kit** - Construct a sprout house using everyday items
- **Build a Robot Hand Kit** - Wave to your friends from your Incredible Freedom Machine with your Robot Hand
- **Magic Blooming Flower** - Make these flowers bloom with a little bit of science magic
- **The Gift Activity Pack** - Fun activity pack designed by Michael Speechley, including word search, how to draw, colouring in, DIY cards and postcards
- **Blue Tree Leaf sheet** - Participate in our Blue Tree in the Burbs display to help raise awareness around mental wellbeing

We love to see what you are making and creating. Please share your photos and videos of your School Holiday Escapades with us on Facebook.

These School Holidays we will be giving away a \$20 Dymocks gift voucher Dymocks to one lucky kid from each age group! To **be in the chance to win** just ask your parent or guardian to share your creations with us on Facebook with your first name and age. We will choose a winner and contact them through Facebook at the end of the School Holidays.



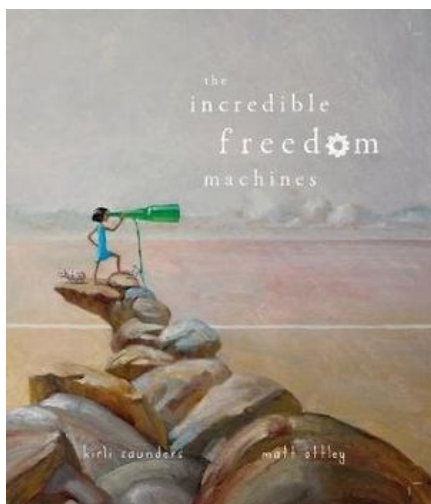
The Books



The Gift by Michael Speechley

The house across the road looks abandoned, but Rosie knows someone lives there. She decides to give her mystery neighbour a gift - something different, something unusual, something surprising. Something her mum would have been proud of.

Enjoy a reading of 'The Gift' now on [Story Box Library](#) or [reserve a copy of the book](#) from your Library.



The Incredible Freedom Machines by Kirli Saunders

Ever since she heard about them, a young girl has dreamt of having her very own incredible freedom machine - a machine that will allow her to break boundaries, explore the world and learn more about herself than she could have dreamed possible. It seems however, the machines are not so easy to come by. Will she have the patience and perseverance to find her very own freedom machine?

Enjoy a reading of 'The Incredible Freedom Machines' now on [Story Box Library](#) or [reserve a copy of the book](#) from your Library.



Sprout House

What's in your kit

- 2 sponges
- Toothpicks
- Cloth sponge
- Seeds (wheat and quinoa)

What you need

- A plate
- Scissors
- Water



What to do

1. Construct a house using the sponges as your roof and walls holding them in place with toothpicks
2. Wet the cloth and place it on the plate
3. Put your sponge house on top of the cloth
4. Sprinkle the wheat seeds on the cloth sponge
5. Put the quinoa seeds in a little bowl with some water and spread the seeds on the roof
6. Place your sponge house in a sunny place and water it regularly
7. Make sure your sponges don't dry out. A misting bottle is great for keeping the seeds moist
8. Wait patiently
9. How long does it take for your seeds to sprout? What other materials from around the house could you add to your sprout house? Egg Carton sprout car?
10. Share your Sprout House with us on Facebook!

Robot Hand

What's in your kit

- Card
- Paper straws
- Wool

What you need

- Scissors
- Tape
- Pencils

What to do

1. Trace your hand onto the card
2. Cut around the traced hand cutting it a little bigger than the actual tracing
3. Mark lines for your finger joints on the cut out
4. Fold the fingers at the lines
5. Cut straws a little bit smaller than each finger segment
6. Cut 5 longer straws a little bit shorter than the length of the palm
7. Tape the little straws pieces to the fingers leaving a gap at the joints
8. Tape the longer straws from the base of the finger to the wrist
9. Cut wool into 5 equal pieces
10. Tie one end of the piece of wool to the straw at the finger tip
11. Thread a piece of wool through the straws from the finger tip to the wrist
12. Repeat with each finger
13. Pull on the strings. Look what happens!
14. What hand signals can you make with your robot hand?



Image: instructables.com

Did you know?

This robot hand was designed to work like a human hand. In the human hand, flexible tissue called tendons pull on your finger bones. The wool and straws work like bones and tendons.

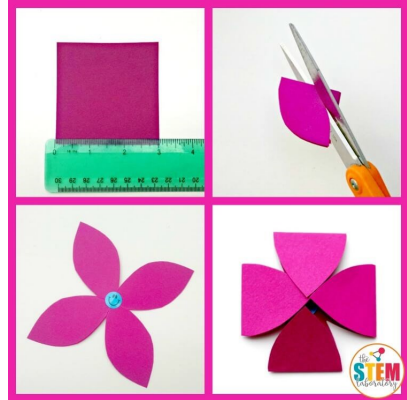
Magic Blooming Flowers

What's in your kit

- Squares of paper
- Stickers

What you need

- Scissors
- Bowl of water
- Pencil



What to do

1. Fold your square paper in half and then in half again the other way so you have a smaller folded up square
2. Draw a petal shape on your paper, outwards from the folded corner like in the image above
3. Cut around the petal shape
4. Unfold the petals to reveal a flower shape
5. Put a sticker in the middle
6. Fold the tip of the petals into the middle covering up the sticker
7. Place the folded flower gently on top of the water so it floats with the petals facing up
8. Watch what happens!
9. Do the different papers respond differently? What happens if you change the size of the flower? What other materials could you try?
10. How do you think this works?

Did you know? Paper is made of small fibres. When they absorb water they swell up and the paper expands.

Blue Trees in the Burbs

The City of Melville has teamed with The Blue Tree Project for Mental Health Week. As a symbol of hope the Blue Tree helps break down the stigma of mental health. Seeing a Blue Tree might help spark difficult conversations and encourage people to speak up when battling mental health concerns.

Find out more about the Blue Tree Project at www.bluetreeproject.com.au

What's in your bag

- A blue paper with a leaf on it

What you need

- Scissors
- Markers, pencils, crayons

What to do

1. Cut out your leaf
2. On the blank side of the blue leaf page trace around your hand and cut it out
3. Decorate your leaf and hand however you like, with pictures, paint, writing, stickers, materials from around the house, anything!
4. Bring your leaf and hand print to your City of Melville Library and add it to our Blue Tree display



Make a Blue Tree at Home

What you need

- A stick or tree branch
- Blue paint
- Paint brushes

What to do

1. Find a dead tree or tree branch that needs a 'blue lease on life'
2. Paint it blue
3. Display your blue tree proudly in your garden for everyone to see
4. Register your blue tree at www.bluetreeproject.com.au
5. Share a picture of you and your blue tree on our Facebook page

Freedom Machine

What you need

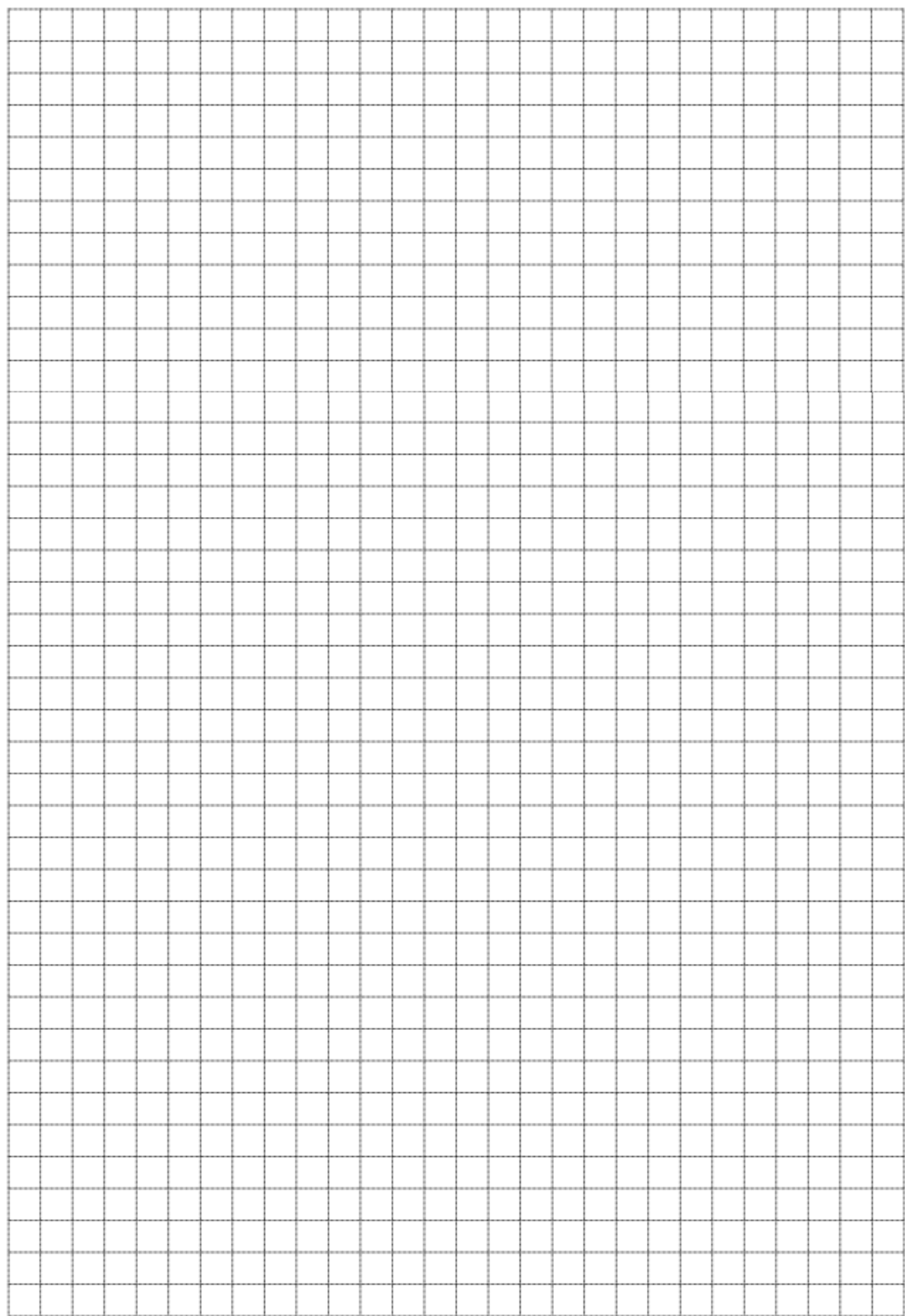
- Lead pencil
- Ruler
- Eraser
- Building materials from around the house. Get creative! What will you build with?

Creative Hint: A good place to find things to build with is the recycling bin

What to do

1. Using the graph paper on the next page draw out your Incredible Freedom Machine. Will it have wings? Wheels? Propellers?
2. Find materials from around the house to build a prototype of your Freedom Machine. What can you find? Paper, cardboard, ice-cream containers, feathers, branches...
3. What else could you build with? Lego?
4. Don't forget to share your Incredible Flying Machine creations with us!

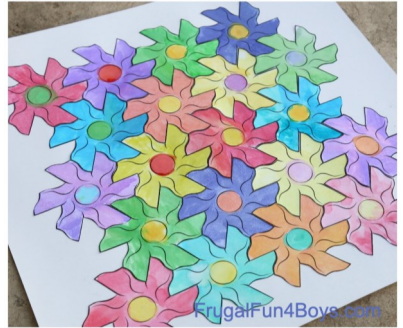




Tessellating Flowers

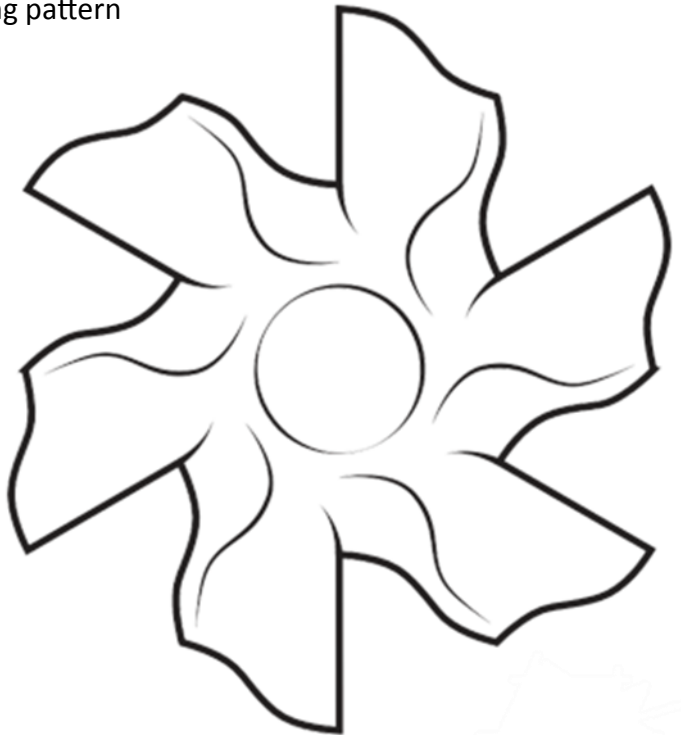
What you need

- Markers, Pencils, Crayons or paint
- Scissors
- Glue
- Paper



What to do

1. Trace around or print out the tessellating flower template
2. Make as many flowers as you like
3. Colour in or decorate each of the flowers
4. Cut out flowers
5. Glue the flowers onto a piece of paper interlocking the flowers to create a tessellating pattern

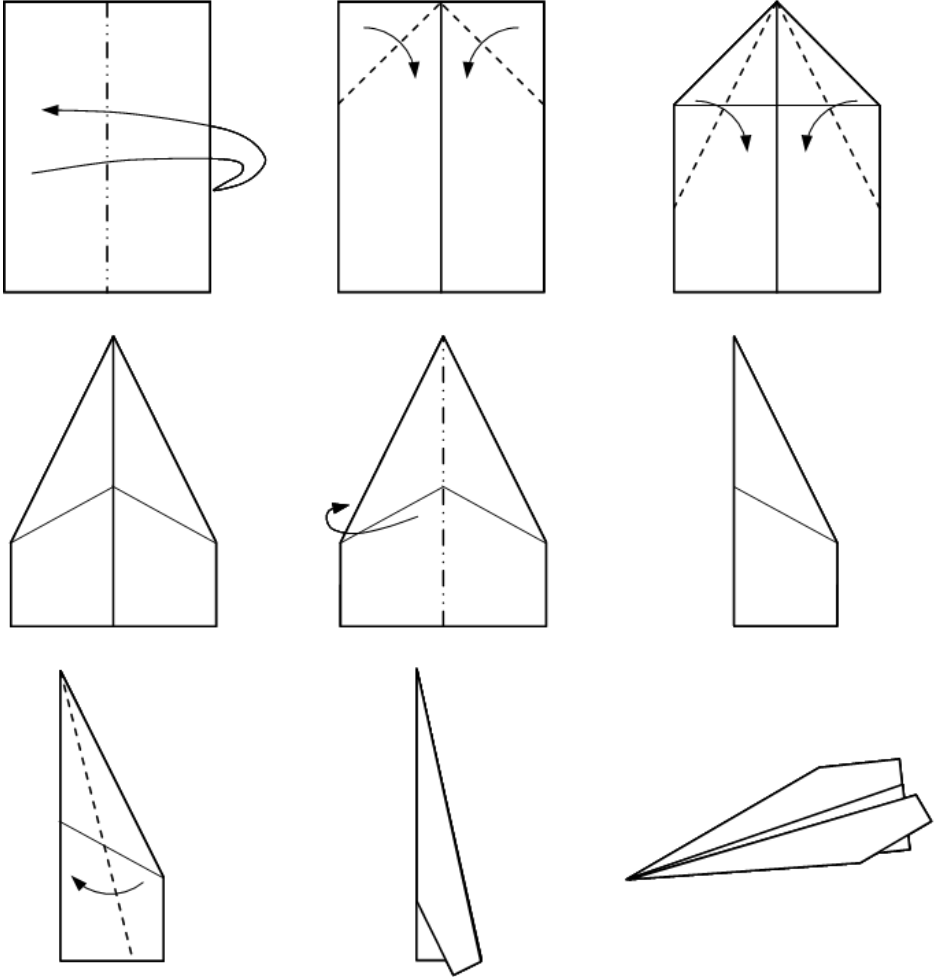


Paper Plane

What you need

- Paper

What to do



How far does it fly? If you use different paper does it affect how far it goes? What other paper plane patterns can you find to try? www.foldnfly.com has lots of Airplane designs.

Pinwheel

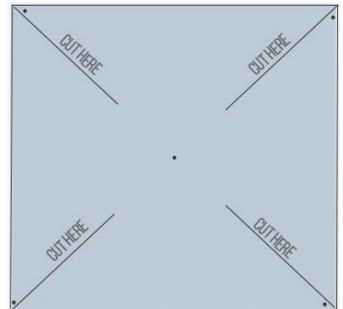
What you need

- Square paper
- Paper straw
- Sewing pin
- Beads
- Thumb tack
- Pliers
- Scissors
- Glue gun
- Pencil
- A helpful adult



What to do

1. Mark your paper with an 'X' from corner to corner with your pencil
2. Poke holes and cut your paper according to this template
3. Carefully poke the pin through a hole in the corner then poke it through the 2nd, 3rd and 4th corners
4. Poke the pin through the hole in the middle of the paper. Slide a bead onto the pin at the back
5. Carefully use the thumbtack to make a hole at the top of your straw
6. Poke your sewing pin through the skewer hole
7. Ask an adult to bend your sewing pin at a 90° angle so the end of the pin is laying flat against the skewer
8. Glue the pin to the skewer. Hold the skewer in place while it dries. Ask an adult for help
9. For picture instructions visit <http://www.onelittleproject.com/how-to-make-a-pinwheel>



Scratch

Coding

Can you code a sprite to fly like a freedom machine?

Visit www.scratch.mit.edu to get started

If you need some help, view the 'Make it Fly' tutorial at <https://scratch.mit.edu/fly>

Choose a Character

1

scratch.mit.edu

GET READY



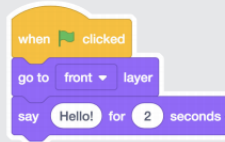
Choose a backdrop.



Choose a sprite from the Flying theme.



ADD THIS CODE



Type what you want your sprite to say.

TRY IT

Click the green flag to start



Start Flying

2

scratch.mit.edu

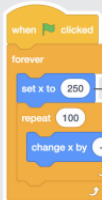
GET READY



Choose a sprite to fly by, such as Buildings.



ADD THIS CODE

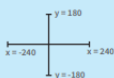


Start from the right end of the stage.

Type a negative number to move left.

TIP

x is the position on the Stage from left to right.



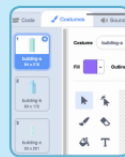
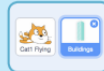
Switch Looks

3

scratch.mit.edu

GET READY

Click to select the Buildings sprite.

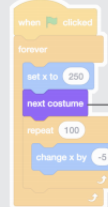


Then, click the Costumes tab to see different costumes.

ADD THIS CODE



Click the Code tab.



Add this block to switch costumes.

TRY IT

Click the green flag to start



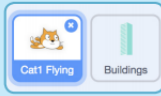
Make It Interactive

4

scratch.mit.edu

GET READY

Click to select your flying sprite.



ADD THIS CODE

Change x

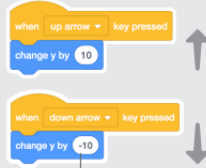
Move your character *side to side*.



Type a minus sign to move left.

Change y

Move your character *up and down*.



Type a minus sign to move down.

TRY IT



Press the arrow keys on your keyboard to move your character around.

Floating Clouds

5

scratch.mit.edu

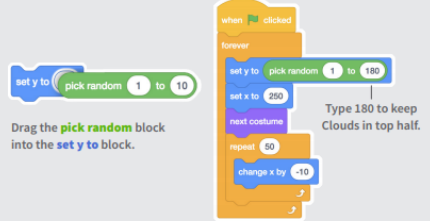
GET READY



Choose Clouds from the library.



ADD THIS CODE

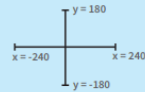


Drag the **pick random** block into the **set y to** block.

Type 180 to keep Clouds in top half.

TIP

y is the position on the Stage from top to bottom.



Flying Hearts

6

scratch.mit.edu

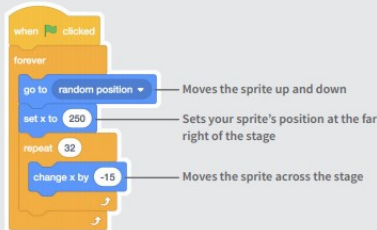
GET READY



Choose a sprite, such as Heart.



ADD THIS CODE



Moves the sprite up and down

Sets your sprite's position at the far right of the stage

Moves the sprite across the stage

TRY IT

Click the green flag to start



Collect Points

7

scratch.mit.edu

GET READY

Choose **Variable**.

Click the **Make a Variable** button.

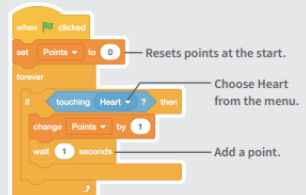


Name this variable **points** and then click OK.

ADD THIS CODE



Select your flying sprite.



Resets points at the start.

Choose Heart from the menu.

Add a point.

TRY IT

Click the green flag to start



Library eResources

For 6-9 Year Olds



Story Box Library

Connecting children with hundreds of Australian books read by some of Australia's finest Storytellers.



in2Era

A collection of Wings readers and picture books covering topics including maths, science and other languages.



OverDrive for Kids

A section of OverDrive where kids can access eBooks appropriate for their age range and reading level.



Kanopy Kids

A section of Kanopy dedicated to children's programming.



BusyThings

An online resource for the early years that includes 115+ fun learning activities that help children learn important skills.



Rainforest Coding

An interactive adventure that takes place on the beautiful Echo Island, part of the Crystal Rainforest.



SwopBots

Use Scratch coding and problem solving skills to overcome a variety of logic puzzles.



LibraryCraft

A Minecraft server where there are multiple worlds connected by portals, to allow for various styles of gameplay.

To play or learn more about these eResources for kids visit www.melvillecity.com.au/things-to-do/libraries/elibrary/eresources-for-kids



Story Box Library

Instructions



Getting started with Story Box

1. Visit www.storyboxlibrary.com.au/libraries
2. Select 'City of Melville Libraries' from the dropdown section under 'Library'
3. Enter you Library card number (on the back of your Library card) into the 'Public Library Card Number' field
4. Click 'Log In'

LOGIN

Library Can't find your library?

City of Melville Libraries

Public Library Card Number

CL119M0000000D

LOG IN

Click here for username and password login

5. If Log In page is asking for Email/Username and Password click on the 'Click here for Library Barcode Login'



Click here for Library Barcode Login