# Plattsburg Public 

## School

Learning from Home Term 4 Week 2<br>(Monday 11th October - Friday 15th October)

## KC Limes



## Guided Learning Packages - Term 4 Week 2 Timetable

| Online Learning |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Monday 11th October 2021 | Tuesday 12th October 2021 | Wednesday 13th October 2021 | Thursday 14th October 2021 | Friday 15th October 2021 |
| Care and connect Belonging | Care and connect - Stretch | Care and connect - Healthy habits | Care and connect Mindfulness and focus | Care and connect - Happy memories |
| English - Connotation, imagery and symbol 'Bear and Rat' by C Cheng and S King <br> Outcomes: <br> ENe-1A, ENe-8B Link: <br> Bear and Rat <br> Writing activity | English - Connotation, imagery and symbol Describing words and 'Old Man Emu' by J.Williamson Outcomes: <br> ENe-1A, ENe-8B ENe-9B <br> Link: <br> Old Man Emu <br> Adjectives <br> Using describing words Using describing words in sentences | English - Connotation, imagery and symbol Nursery Rhymes, 'Harry the dirty dog' by G Zion Outcomes: ENe-1A, ENe-8B ENe-9B <br> Link: <br> Nursery Rhymes <br> Harry the dirty dog <br> Using describing and action words | English - Connotation, imagery and symbol Aboriginal symbols, 'Coco, the fish with hands' by A Darlison <br> Outcomes: <br> ENe-1A, ENe-8B <br> ENe-9B <br> Link: <br> Coco the fish with hands Aboriginal symbols | English - Connotation, imagery and symbol Symbols and 'Back to sleep' by Z Blake-Foster Outcomes: <br> ENe-1A, ENe-4A <br> ENe-2A <br> Link: <br> Back to sleep <br> Description |
| Phonics AR A Outcomes: ENe-4A, ENe-5A | Handwriting - C Outcomes: <br> ENe-3A, ENe-4A <br> Link: <br> Handwriting-C | Sight words - come, here, like <br> Outcomes: <br> ENe-4A, ENe3-A, ENe-5A <br> Link: <br> Sight words - come, here, like | Phonics Ar a Outcomes: ENe-4A, ENe-5A | Handwriting - K Outcomes: <br> ENe-3A, ENe-4A <br> Link: <br> Handwriting K |
| Brain break | Brain break | Brain break | Brain break | Brain break |
| Mathematics - Creating a robot <br> Outcomes: <br> MAe-1WM, MAe-2WM <br> MAe-4NA, MAe-15MG <br> Link: <br> Creating a robot | Mathematics - Guess my number <br> Outcomes: <br> MAe-1WM, MAe-3WM <br> MAe-4NA, MAe-8NA <br> Link: <br> Guess my number | Mathematics - Number talk <br> Outcomes: <br> MAe-1WM, MAe-3WM <br> MAe-4NA, MAe-6NA <br> Link: <br> YouCubed pdf <br> YouCubed Number visuals | Mathematics - 3 tens in a row <br> Outcomes: <br> MAe-1WM, MAe-2WM <br> MAe-4NA, MAe-5NA <br> MAe-8NA <br> Link: <br> $\underline{0-9 \text { spinner pdf }}$ | Mathematics - Staircase patterns <br> Outcomes: <br> MAe-1WM, MAe-2WM <br> MAe-3WM, MAe-4NA <br> MAe-5NA, MAe-8NA <br> Links: |


|  |  |  | 3 tens in a row | Numberblocks - Step <br> Squad <br> Staircase patterns part 1 <br> Staircase patterns part 2 |
| :---: | :---: | :---: | :---: | :---: |
| Creative Arts - Self-portrait Outcomes: <br> VAES1-1 <br> Link: <br> Self-portrait | Geography - Where are we located? <br> Outcomes: <br> GEe-1 <br> GEe-2 <br> Link: <br> The map song <br> All about maps! | PDHPE - <br> Food rainbow <br> Obstacle course <br> Outcomes: <br> PDe-4, PDe-5 <br> PDe-7, PDe-9 <br> Link: <br> Australian guide to healthy eating <br> Fruit and veggie gang Obstacle course | Science and Technology How objects move instructions and set up Learning how objects move Outcomes: STe-5PW-ST, STe-1WS-S | STEM - paper shoe challenge Outcomes: STe-2DP-T STe-4MW-ST Link: $\qquad$ |
| Offline Learning |  |  |  |  |
| English <br> Panda Description Phonics Activity Space Writing | English <br> Toaster speaking and listening Cat Writing Handwriting | English <br> Nursery rhymes <br> Respond to reading <br> Dog Writing <br> Sight Words | English <br> Speaking and listening Coco, the Fish with Hands Sea Writing Phonics | English <br> Speaking and listening <br> Back to Sleep <br> Flower Writing <br> Handwriting |
| Mathematics <br> 2D Shapes - Creating a robot <br> - Colouring 2D Shapes Numbers Before, Between and After | Mathematics <br> Guess My Number <br> Number Ordering | Mathematics <br> Representing numbers in different ways - Task 2 | $\frac{\text { Mathematics }}{\text { Domino Addition }}$ | Mathematics <br> Patterns <br> - Shape Patterns <br> - Number Patterns |
| $\begin{aligned} & \text { Other KLA's } \\ & \text { Creative Arts - Self Portrait } \end{aligned}$ | $\begin{aligned} & \text { Other KLA's } \\ & \text { Geography - Maps } \end{aligned}$ | Other KLA's <br> Food Rainbow Obstacle course | Other KLA's <br> Science and Technology - <br> How Objects Move | Other KLA's <br> STEM - Make a paper shoe |



What kind of pet does she have?

Things you need

| Activity | You will need |
| :---: | :---: |
| Most activities | Pencils <br> Workbook |
| English |  |
| Mathematics | thick paper or cardboard <br> 回囚 glue or sticky tape scissors |
| Creative Arts | a black pencil or lead pencil <br> a piece of paper or your workbook <br> a mirror or a photo of yourself. |

## Care and connect - Belonging



Time to care and connect. Where we care for ourselves, care for our family and care for our friends. Draw a picture of your special family and friends. If you have pets, you can draw them too. Put your picture on your desk or where you are doing your learning to remind you of who you care about, who cares for you and where you belong.

Brain break - Hello
It's time for a brain break to recharge for some learning! At the moment, it's the Paralympics. So many countries from around the world take part, so many different languages spoken by the athletes. How many ways can you say Hello? For example: Hello, Hi, G'day. Do you know how to say hello in other languages? Did you know Hola is Spanish for Hello? Have a chat to your family members and see how many ways your family can say hello!

It's your turn to describe the panda. Remember to use describing words, such as black, soft, big and cuddly.


This Photo by Unknown Author is licensed under CC BY-SA

Complete these sentences:

Pandas feel $\qquad$
Pandas smell $\qquad$
Pandas look $\qquad$
Pandas sound $\qquad$
I think pandas are

Some adjectives you can use are:

## large

gigantic
scary
sleepy
friendly
fuzzy

Watch the video 'Bear and Rat' if you can, and join in the activity below. If you don't have a device, read any book that you have at home.

What did you learn about 2 of the characters? Write some words that describe them below.


## Look at these pictures.

Say the word.


Where can you hear the /ar/ sound?

Tick or stamp beginning, middle or end.

Hint: Phonemes are the smallest sounds we can hear in words, for example c/a/t or b/oa/t. You use only your ears to hear phonemes. Graphemes are the letters on the page and they represent the phonemes. We use our eyes to recognise graphemes.

|  | Beginning | Middle | End |
| :--- | :--- | :--- | :--- |
|  |  |  |  |



Trace the /ar/ grapheme in these words

| car | arm | farm |
| :---: | :---: | :---: |
| jar | market | artist |

Something more? Make a list of /ar/ words in your workbook. How many other ways do you know to write the /ar/ phoneme?

| Name: |  | Date: |  |
| :---: | :---: | :---: | :---: |
|  | car bar <br> jar <br> card <br> park | $\qquad$ car bar jar card $\qquad$ park |  |
| T | $h_{-\quad d}$ <br> \% $2=0$ |  |  |
|  |  |  | $\begin{aligned} & y--n \\ & \end{aligned}$ |
| $\square \square \square \square \square \square \square \square \square \square \square \square \square ा$ |  |  |  |
| The card has a car on it. The |  |  |  |

## English Offline Activity - Space Writing

Using the words in the word bank to help you, write at least two interesting sentences about the picture.

astronaut rocket
black planet star
shooting star
floating space

Let's explore 2D shapes. We are going to make a robot.
Watch the video using the QR code or follow the instructions below.
 Can you draw the following shapes?

Triangle


Hexagon


Quadrilateral
Square


Octagon


Quadrilateral
Quadrilateral
Rectangle


Circle


Triangle
A triangle has 3 sides.


- How many sides does each shape have?

Triangle
A triangle has 3 vertices.


- How many vertices does each shape have?

Use different 2D shapes to design a robot. Make a plan by drawing your robot design on paper first. What shapes will you use?

This robot has a:

- Square for the head.
- An Octagon for the body.
- Two rectangles for the legs
- Pentagons for the feet.


Now that you have made a plan, copy those shapes onto the cardboard.

Colour in the shapes.

Cut out your shapes.

Assemble your robot.

Tell someone in your family about your robot and what shapes you used in your design.


## CHALLENGE

What shapes on your robot can you see in your bedroom? Draw them. What shapes on your robot can you see in your kitchen? Draw them. What shapes on your robot can you see in your backyard? Draw them.

## 2D SpaCe

Naming geonetrical 2D shapes.

Name and colour these shapes

Name: $\qquad$
circle, square, triangle, rectangle, diamond

Q. Write number: (before, between, after)


Creative Arts - Option 1 - Self-portrait
You will need:

a mirror or a photo of yourself.

Today we are going to do a self-portrait.

Step 1
Step 2


Step 4


Step 5


Step 3


Step 6


Six steps on drawing a self portrait

Tuesday
12 th October 2021


| Activity | You will need |  |
| :--- | :--- | :--- |
| Most Activities | Pas | Pencils |
| English |  |  |
| Mathematics | Workbook |  |
| Geography |  |  |

Care and connect - superheroes
Imagine you can fly, like superman or


This Photo by Unknown Author is
licensed under CC BY-SA superwoman
Stretch your arms above your head as far as you can


Pretend you are flying through the clouds
Lean to one side and head towards the sun
Then lean to the other side
Pretend you're going all the way up to the planet Pluto
Then go all the way back to earth and land
Bring your arms down, give your fingers a wiggle and shake! Now you're ready to learn.

Brain break - measure up
It's time for a brain break so we can recharge for some learning! Time to Measure. You will need to get a ruler and use your imagination to see how many different things you can measure in your home. You might measure tissue boxes, kitchen utensils, toys, food packets, paintings, pegs or plants. How many things can you measure with your ruler?


Today we are learning more about describing words. We call these adjectives.

See if you can underline or circle the describing words in the following sentences:

- I love that tiny pillow.
- The green from hopped in the pond.
- The little boy was crying.
- I went to an exciting game on Friday.

- I like to read funny books.


## -

Find an object in the kitchen and describe it to someone in your house. If you can't find an object, you can use the picture below. Remember to use adjectives, for example, silver and shiny.

The toaster feels like...

The toaster smells like...

The toaster looks like...

The toaster smells like...

I think toasters...


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Listen to the story 'Old Man Emu' by John Williamson if you can, or choose another book you have at home.

Can you think of any other books like the one you just read? Draw or write about them in the box below.

We have been learning about adjectives this week. Here is a sentence about this picture.


## The cat is sitting.

Let's use some adjectives to improve that sentence.

Image by Юрий Сидоренко from Pixabay

## The sof and stripy cat is sitting on the rough, brown ground.

That's better. Can you have a go now? Here is your picture.


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The $\qquad$ and $\qquad$ cat
$\qquad$ , $\qquad$ chair.

English - Handwriting - Focus letter 'Cc'
It's time to practise our handwriting skills. Get your workbook and your pencil ready! Start at the top and form the letter Cc.

## Lower case c

The lower case ' $c$ ' is a short letter.
 We start at the top and move around in a curve.

Example mnemonic: Around and up!


## Upper case C

The upper case ' $C$ ' is a tall letter.
We make the letter ' $C$ ' with one movement. We start at the top and come around in a big curve.

Example mnemonic: Around and up!

$\qquad$

$\qquad$
$\qquad$ U

Watch the video Guess my number' using the QR code or follow the instructions below to join in the activity.

You will need:

number cards (optional)
-


Lego or blocks
-

pencils

- your workbook.

Instructions

- Write the numbers from 1 to 10 (for example) on a piece of paper or use cards to set the number range. For example, this student chose to use the numbers between 1 and 8.
- Ask someone at home (the 'secret holder') to choose a secret number within your given range.
- Guess the 'secret' holder's number.
- They will tell you whether their number is greater or less than your guess.
- Try to guess the secret number in the fewest number of guesses possible, or, with only 3 guesses.


After playing 'Guess my number' think about:

- What is a good way to help you to guess the number quickly?
- If you played the game again tomorrow, what would you do differently? Why?

For those who like a challenge!

- Play the game again using numbers all the way up to 20 (or even higher!)
Name numbuwn
ne．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．
$56,22,35,33,87$一，一，一，一，
$63,98,97,45,64$

$20,17,36,85,23$


## $49,56,88,79,0$

———
$52,76,65,58,39$
一，一，一，一，
$82,96,80,74,63$

52，Ч१，ЗЧ，83， 5
一，一，一，一， $35,84,91,37,48$

$26,89,57,23,74$
一，一，一，一，
$12,56,75,36,4$
—，一，一，一， 98，64，24，30， 16

一，一，一，一， $67,54,38,29,47$

This was：Easy Just Right Hard （Circle one）

Geography -Activity 1 - Where are we located?
Maps.
Maps can help us know where to go.
Can you think of some jobs that may need a map for their job?
Taxi drivers


National park rangers
Search and rescue
Weather reporters
Boat drivers
Army and navy
Pilots
Several picture of jobs that need a map
Did you think of these ones?


On this map, can you find the Hospital, Fire Station and Dentist?

Map of several cartoon houses and shops


Who would use a map in their job?


What else can you find on this map?

Task 7.
Imagine you are way up high and looking down at your house. Now imagine the roof has been taken off and you can see the layout of your house. Draw a map of your bedroom or your backyard from this 'Birds eye view'.
Don't forget to label so people know what everything is.

## Draw a map of your bedroom or backyard



Drawn map of a backyard that has been labelled

Wednesday 13th oftober 202


| Activity | You will need |
| :--- | :--- |
|  | Most |
| Most activities | $\square$ |
|  | Pencils |
|  |  |

## Care and connect - Healthy Habits



What's something that you care about? Do you have a pet plant? What would we need to do to look after a plant? Do you water them? Do they get plenty of sunlight? Do you clean the leaves? If we look after smaller plants, they can grow into bigger plants.

It's important we also look after ourselves too so that we can grow up to be strong and healthy. How can we do this? We can eat healthy food, drink lots of water, get plenty of sleep. What other things can we do? Maybe go for a walk in the park. What's one more thing you can do for yourself so that you can grow up to be strong too?

## Brain break - Let's recharge!

What is your favourite colour? Let's look for your favourite colour by looking around your home, in your front yard and in your backyard to see if we can find items that are the same colour as your favourite colour. How many items will you find?


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Hey, diddle, diddle, The cat and the fiddle, The cow jumped over the moon;

The little dog laughed
To see such sport, And the dish ran away with the spoon.

Humpty Dumpty sat on a wall, Humpty Dumpty had a great fall. All the king's horses and all the king's men Couldn't put Humpty together again.

This Photo by Unknown Author is licensed under CC BY
What other nursery rhymes do you know? Practice one a few times, and then sing it to someone in your family. Perhaps you could add some actions.


Listen to the story 'Harry The Dirty Dog' by Gene Zion if you can or choose another book you have at home.

Do you know another dog that is like Harry? What cheeky things does the dog do? Draw or write about them in the box below.

If you read a different book, think about the main character. Do you know another character that is like the one in the story? What interesting things do they do? Draw or write about it below.

Today I read the story:
It is written by:
It is illustrated by:

Beginning:

## Middle:

End:

Draw a dog that you know. You can use the picture if you can't think of a dog.

Label the dog with adjectives. One is already done for you.

Add some action words to your picture.


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We are learning to read, say and write words quickly. Let's practise some more. Watch the video and join in the activity, if you can.

Today, we will learn the words:

# like 

-1 Si)
Say the words out loud.


It's time to play a game called 'Quick Write' to practice writing the words 'come', 'here' and like'. You have 30 seconds to write the words as many times as you can.

| come | here | like |
| :--- | :--- | :--- |

- How many times did you write each word?
- Did you spell it right every time?

Can you cut out the word dominoes on the next page and play with a partner? Take turns to see if you can match up the words.

 :suolłวnałsuI


Today we will be doing a number talk
Watch the video 'YouCubed Number Visuals' and join in the activity. (Adapted from Number Visuals Grades 1-2 resource on YouCubed.org)

You will need:

- Coloured pencils
- YouCubed Number visuals worksheet (following page)

What do you notice when you see this?


Here are some thoughts


After watching 'YouCubed Number talks':

- Use the number visuals worksheet or your workbook to write down the different ways you see each number visual made up of other numbers.
- How many different ways did you come up with?

$$
\begin{aligned}
& \int 00 \mathrm{O}_{0}^{\mathrm{O}} \mathrm{O}^{\mathrm{OO}} \mathrm{O}_{\mathrm{O}}
\end{aligned}
$$

WRM small step: Numbers to 50.

## Fluency tasks (1):

Use ten frames and counters to show how many oranges Sarah has.



There are $\square$ oranges altogether.
2)

Use ten frames and counters to show how many bananas Tom has.


There are $\square$ bananas altogether.
3)

Use ten frames and counters to show how many cars Jack has.


Fluency Tasks (1) continued:
Use ten frames and counters to show how many counters there are.

5)

Use ten frames and counters to show how many doughnuts there are altogether.

6)

Use ten frames and counters to show how many ladybirds altogether

|  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |



|  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |


There are $\square$ ladybirds altogether.

|  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |


|  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |


|  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |

Today we will be learning about eating a rainbow of foods each day.
Have a look at the poster below. There are a range of different fruits and vegetables of all different colours.


# Australian Guide to Healthy Eating 

Enjoy a wide variety of nutritious foods from these five food groups every day.


## Australian guide to healthy eating chart

Think of 4 different fruits and vegetables which are different colours.


Draw a food rainbow in your workbook or you can make it with real food. You can use the picture to help you draw a rainbow.

## Blank Food Rainbow outline divided into 4 sections



- Plan an obstacle course in your backyard, lounge room or anywhere else with enough space that you can safely move around. You may do this together with family members in your home.
- Use materials from your home to design your obstacle course. For example: buckets, towels, ropes, pegs, pillows, blankets.
- Draw a picture of your obstacle course.
- Show where the start and finish lines are.
- Draw arrows to show which way you need to go.



## Example of an obstacle Corse layout

If you are up for challenge.


Complete the obstacle course:

- walking
- skipping
- hopping.

Which was the easiest for you?

Thursday 14 th October 20


| Activity | You will need |  |
| :--- | :--- | :--- |
| Most activities | Pas | Pencils |
| Mathematics | Workbook |  |
|  |  | soccer ball, netball or similar sized ball |
| GetActive@Home | 2 |  |
|  |  | 2 field markers or shoes. |

## Care and connect - superpower eyes

Imagine you have superpowers in your eyes. Pretend to pick up superpower glasses and put them on. Look in the room for the thing that is farthest away from you, it might be a plant or a picture. Then look at what's closest to you, it might be a book or a pen. Pick something up that's close to you and have
 a good look at it. What colour is it? Is it hard or soft? Does it have moving bits? Is it smaller than your hand? Does it make a sound when you shake it? How good are your superpower glasses? Now that you are really focused, you are ready to start learning.

## Brain break - Let's recharge!

It's time for a brain break so we can recharge for some more learning! Time for us to do some counting. What is your favourite shape? What different things of your favourite shape can you find around the house or in the yard? How many things did you find of your favourite shape?

## Physical activity



Check out the GetActive@Home section in this pack.


Image by esther1721 from Pixabay

- What can you see?
- What colours can you see?
- Why do you think there are some small circles and some big circles?

Can you explain the image to someone using describing words and sentences?

Listen to the story 'Coco, the Fish with Hands' by Aleesah Darlison, or get someone at your house to read you a story.

After listening to the story draw what happened...
...at the start of the story
... in the middle of the story

| ...at the end of the story |
| :--- |
|  |

Let's take some time to think about the sea. Draw or write what you think of when you think about the sea.

You might draw or write:

- sun
- hot
- summer
- holiday
- water
- swimming
- beach.


Fill in the blanks using the 'ar' words.

## car far tar

I. There is on the road.
2. Is it ___ to your house?
3. My dad has a red

## star hard lard

I. This stone is very
2. The ___ is very bright.
3. is like fat.
shard bark dark
I. A dog can $\qquad$ ,

2. At night it is very
3. The $\qquad$ of glass cut me.


b $\qquad$ __m

$h$ __d
b $\qquad$ n
sh
ch
m
m___ket

I like to play on the swings in the
I can see pigs at the
I can see a red $\qquad$ .
There is a $\qquad$ in the sea.
There are lots of $\qquad$ when it is dark.

## Mathematics - Playing with addition

Today we will be playing '3 tens in a row'.

You will need:

- 2 different coloured pencils
- 0-9 spinner

- your workbook.

Watch the video '101 and you're out!' and join in the activity.



Name

## DOMINO ADDITION SHEET 3



Count the number of dots on each domino and fill in the total.

$\qquad$ $+$ $\qquad$ $=$ $\qquad$
$\qquad$ $+$ $\qquad$ $=$ $\qquad$
$\qquad$ $+$ $\qquad$ = $\qquad$

$\qquad$
$\qquad$
$\qquad$
$\qquad$ $+$ $\qquad$

$\qquad$
$\qquad$ $+$ $\qquad$ $=$ $\qquad$
$\qquad$ $+$ $\qquad$ $=$ $\qquad$

$\qquad$ $+$ $\qquad$ $=$ $\qquad$
$\qquad$ $+$ $\qquad$ $=$ $\qquad$
$\qquad$ $+$ $\qquad$ $=$ $\qquad$


| Dismble Dominos | Name： |
| :---: | :---: |
|  | $\cdots$ |
|  |  |
| －甼•気 $=0$ | $\bigcirc$ |
| $\bullet \bullet \bullet \bullet \bullet \bullet$ |  |
|  | $\left(\begin{array}{llll} \bullet & \bullet & \bullet & \bullet \\ \bullet & \bullet & \bullet & \bullet \\ & \bullet & 0 \end{array}\right)$ |
| $\because \because 8(7 \because \%)=\bigcirc$ | 男 $=0$ |
| $\left(\begin{array}{llll} \bullet & \bullet & \bullet & 0 \\ \bullet & \bullet & \bullet & \bullet \\ & \bullet & 0 \end{array}\right)=$ | －男• $=0$ |

Missing Domino-Double Digit Addition
Directions: Fill in the missing dots on the domino.


We are going to explore how things move by creating our own ramp and seeing how objects roll down it.
You will need:

-
8 items for rolling (e.g. a ball, water bottle, plastic cup, toy car)

a big book or strong cardboard

-
3-4 smaller books

## Drawing of a book being used to make a ramp.

Use the drawing to make your ram|

Put your objects in order of what you think will happen when you put them at the top of the ramp. Will they slide? Will they not move? Which will be the fastest?
Hold one of your items at the top of the ramp and let it go.

- What did you notice?
- Did the item roll down the ramp?
- Did the item fall off the ramp?

For those who like a challenge!

- Draw a picture of your ramp. Draw what items rolled down the ramp and which items rolled off your ramp.
- What do you think will happen if you stack more books? Try it to find out!
- What do you think if you take away some books? Try it and find out!


| Activity | You will need |
| :---: | :---: |
| Brain Break | tea towel |
| Most activities | Pencils <br> Workbook |
| Mathematics |  |
| STEM | recycled material ( piece of paper, sandwich bag) <br> string, dental floss or wool <br> sticky tape <br> toy that can be tied to string <br> scissors <br> timer (optional) |

## Care and connect - Happy memories

What is a very special happy memory that you have?
What made it a special memory?
What were you doing? Who was with you?
Draw a picture of one of your happiest memories.


Brain break - Let's recharge!


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We're going to use the five senses of the human body. Sight, hearing, touch, smell and taste.
Name five things you can see (e.g. drink bottle)
Name four things you can hear (e.g. car outside)
Name three things you can feel with touch (e.g. shoes against my ankles)Name two things you can smell (e.g.
cookies and oranges)
Name one thing you can taste (e.g. toothpaste)


Can you explain what the symbols mean to someone at home? Or write down what you think they mean below.

Listen to the story 'Back to Sleep' by Zoe Foster Blake, if you can. If you don't have a device, read any book that you have at home.
(a)

After listening to the story,

- Draw a picture of the main character in your workbook.
- Draw one place from the book. This is called the setting.
Character Setting

Look carefully at this picture.


Image by Kohji Asakawa from Pixabay
Write a description about it in the box below. Include the objects, colours and shapes you can see. Try to write at least 2 sentences.

CHALLENGE Without showing them, read your writing to someone at home. Ask them to draw what you have read to them and see if their picture looks like the one above.

## Lower case $k$

The lower case ' $k$ ' is a tall letter.
We make the letter ' $k$ ' with one movement. We move down in a straight line and leave our pencil on the page as we come back up and make a little bump. We then make a little line at the end.


Example mnemonic: Down, around and out!

$\qquad$
$\qquad$

$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$

Upper case K
The upper case ' $K$ ' is a tall letter.
We make the letter ' $K$ ' with two movements.
We start at the top and move down to make a straight line. We take our pencil off the page and make a little line to join the first line and then kick back out again for the final part of the K.


Example mnemonic: Down, in and out!

$\qquad$

$\qquad$
$\qquad$
$\qquad$

Today we will be exploring staircase patterns.

You will need:


- pencils
- your workbook.

Watch the video 'Numberblocks- Step Squad’ or follow the instructions below.

Look at the picture:


- How many blocks would be next in this pattern?
- How do you know?

Below is a number pattern. The blocks have been arranged differently. Here are some things you might notice about this pattern.


This pattern goes up by 1 . What would the pattern look like if it went down by one? Hint:
One less than 5 is 4.
One less than 4 is 3 .

Draw the staircase pattern in the video and continue drawing what it would look like if it went up by 1 and down the other side by 1 .

Watch the video and join in the activity or follow these instructions.
Did your pattern look like this?



What do you notice about the pattern when it goes up by 1 and then down by 1 ?

We can continue our pattern. This pattern is growing and shrinking.


You can change your pattern around like this.

- Does it change how you think about the pattern?
- Can you count the number of blocks in each row?
- Can you see a different pattern?
- How many blocks are there altogether?

Draw a picture to show your thinking.

What Shape Comes Next?
Look at each pattern below and draw the missing picture.

|  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| ค |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

## SPOT THE PATTERN 4

Spot the pattern and then fill in the missing patterns.

1) Shade the last 2 snails

2) Write the next 3 numbers in this pattern.

| 5 | 6 | 7 | 8 | 5 | 6 | 7 | 8 | 5 | 6 | 7 | 8 |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

3) Shade the last 2 starfish to finish the pattern.

4) Complete the last 2 dice patterns.

5) Draw the last 2 shapes

6) Write in the last 3 letters

| $E$ | $F$ | $G$ | $E$ | $F$ | $G$ | $E$ | $F$ | $G$ |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

## Challenge

Design and build a paper shoe to fit your foot.

## Rules

1. You can only use the materials on the list, but you don't have to use all the materials
2. After you have made your shoe, you can use any materials you like to decorate it!

You will need:

- paper
- cardboard
- sticky tape
- scissors
- 50 cm string
- pencil
- ruler.


## Make a paper shoe

This section includes the design thinking process, instructions, and helpful hints

Identify and define the challenge

- Read the rules
- Collect materials and think about how they could be used or changed for the challenge
- Keep a notebook or STEM journal to record your ideas and discoveries
- Gather different types of shoes such as sports shoes, hiking boots and slippers. What are the features of these shoes? What is the purpose of each type of shoe?

Brainstorm and design your shoe

- Draw and label at least 3 different shoe designs. What materials will you use to make each part of the shoe?
- Which shoe are you going to make? Why did you choose that design?
- Does your design meet the challenge rules?

Figure Record your ideas in a STEM journal


Extra maths challenge: Find the area and perimeter of your shoe. You will need string and graph paper. To find the perimeter, use string to measure around your foot.
Stretch the string out and measure with a ruler. How many centimetres is the perimeter of your foot? Trace your foot on graph paper and count the squares to find the area of your foot in $\mathrm{cm}^{2}$

Time to build! Make and test your shoe

- Make and try on your shoe
- Draw or take a photo of your design
- Why do you think it did/did not work?
- What else could you try?


Figure Shoe design example


Test, improve and present

- Make any improvements to your shoe. Note this on your drawing
- Did your design meet the challenge?
- Decorate your shoe
- You might like to give your shoe a brand name
- Who is your shoe for? What are the unique features of your shoe?

