

DAY 1: Kindness and Caring in the Community Day

This week, we are launching a whole school writing project where we will be writing thank you letters to key workers and letters to people who may be lonely as they are having to isolate alone. Each year group has a different focus. We will be sending our letters and posters etc to The Conifers Care Home (this is a place where elderly people are cared for – at present family members cannot visit.)

Today we are going to be thinking of others and people who are in isolation because of their age or health and because of this are living alone or with contact with only carers. Our aim is to cheer them up and hopefully make them smile.

There are two tasks for you to do today – but both need finishing off to a high standard because we want them pictures of them to the care home.

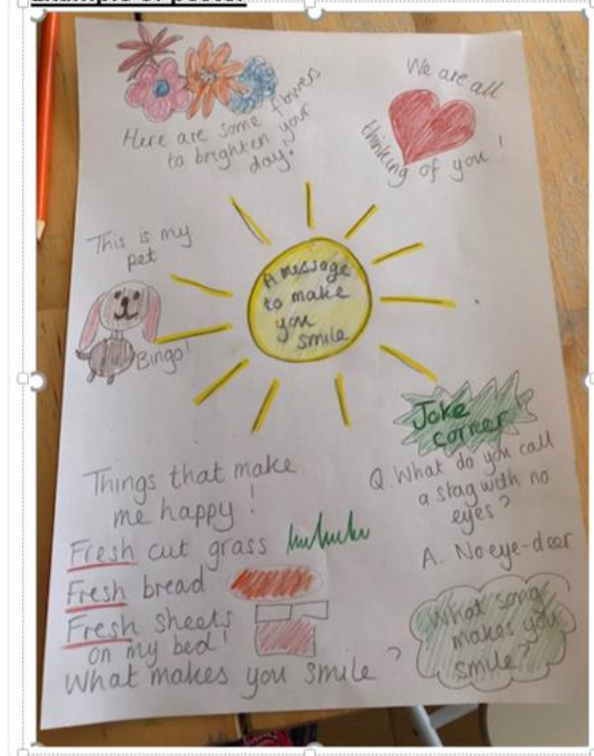
Task 3 is where you can write a card or letter to give to someone you know who may be isolating alone.

- You can do your work on line – in a word document, powerpoint or you could work on paper and send us a photo in of your work.
- When we have your work in, we will print it out and send it to the care home.

Task 1 – Choose one of these to do

Make a poster	Write a letter
Create a poster to show someone you care and cheer them up. <ul style="list-style-type: none">- Your handwriting will need to be clear so they can read it.- Use bright colours if you can to make it eye catching. It needs to explain: <ul style="list-style-type: none">- That you are thinking of them- Include some pictures of things that might cheer someone up – flowers, sunshine, hearts, animals, nature scenes- You could add in a joke, a question to make them think.- A list of happy things for them to think about- It could include a little puzzle – a crossword, a dot-to dot	You could write them a letter. <p>The point of this letter is to make them feel special and to know that someone is thinking about them.</p> In the letter you could: <p>Explain you are thinking about them</p> <ul style="list-style-type: none">- Tell them a bit about yourself (but don't reveal information like your full name and address.)- - who you live with, things you've been up to in lock down, things you like, any hobbies you do, <u>wht</u> you've been up to with home learning- You could include some questions to them etc

Example of poster



Example of letter

Hello

My name is Sammy and I am eleven. I go to Nottingham Academy and my aim today is to make you smile – I hope I succeed! I am writing to you today to make you smile. It has been hard the last few weeks, having to stay at home and not do the usual things – I bet it has been hard for you too. Everything has changed and we are missing people – but this won't be forever. We need to stay positive and think about what we are going to do in the future.

This is a strange week for me because I should have been doing my SATs tests but these have been cancelled. We have been doing our learning from home the last few weeks. It has been strange, but luckily our teachers have been on line to help us out and we have had some fun activities to do, including: Extreme Reading challenges (where we have had to read in a strange place), Adventure challenges (making dens and obstacle courses), Art activities (designing teddy bears) and even cooking activities. I have got much better on the computer too as I have been doing my work online. What did you like to do when you went to school? What was your favourite lesson?

To cheer myself up in lockdown, I often think about things that make me happy. These include: blossom on trees, the birds singing and the smell of roast dinner cooking. What makes you happy? I sing songs and also watch some films on television. I also look out of my window, at the trees in the garden. What view do you have from the window?

I've got a joke to share with you. What do you call a stag with no eyes? No eye deer!!! Have you got any good jokes? My sister is always trying to tell them but she forgets the punchline! Before the lockdown I often went to visit my grandparents, go swimming, play football and also learnt to play the piano. I miss them and all the activities but I now have some different hobbies. I have started to draw and also play cricket in the garden. What hobbies do you have?

I hope you enjoy this letter. If you want, you could write back to us at school. We would love to hear from you!

We hope you stay happy and healthy

Kind regards

Sammy

Task 2

Make something for the residents of the care home to keep or do. You could choose one of these from the list below or make up your own.

Have a go at one of these

Make them something to do or keep. |

You could get ideas from the internet.

- A picture
- A painting
- A poem
- A quiz
- A crossword puzzle
- A dot – to – dot
- A word puzzle
- Some jokes

Task 3

On your own

Choose someone you know in our community - a neighbour, a grandparent, someone who is poorly, or a key worker and send them a letter or card to cheer them up or say thank you for what they are doing to help our community.

DAY 2: Creative Day



There is plenty to choose from:

1. Design an old shirt or T-shirt
2. Recycling Challenge
3. Every day art
4. Construction Challenge

Transform an old shirt or T-Shirt...

MAKE SURE YOU ASK BEFORE YOU DO THIS!



Doctor or Nurses

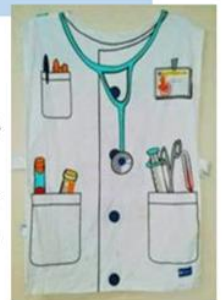


Scientist



Doctor

Design one of the following or make one of your own to transform an old t-shirt or shirt.



Vet



Police

Recycling Projects

Use old newspaper, magazines, leaflets to create a picture... here are some flowers!



Click here to see how:
<https://www.creativejewishmom.com/2014/12/diy-upcycled-plastic-bag-pom-poms.html>



Use old bottle (or milk bottles) to create a bowling game.

Shoe Box Mini Foosball Game



You will need:

Straws

Pegs

Small ball

Small box (cereal or shoe box).

1. Decorate the box – colour or wrap in wrapping paper.
2. Cut a rectangular hole either end to create a goal.
3. Make holes in either side of the box and push the straws through.
4. Then twist the straws to make the ball move up and down and to score a goal.

Make a Bird Feeder

You will need:

Plastic bottle or empty drink carton

Wooden spoon or a stick or a pencil.

Scissors

String.

Bird seed

Cut a hole in the plastic bottle.

Poke a stick (or spoon) through the bottle, Add bird seed.

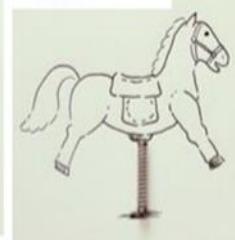
Tie string around the top and hang it in your garden.



Every day Object Art Doodles

These doodles use every day items and incorporate them into their art. Have a look around your house, what could you use?

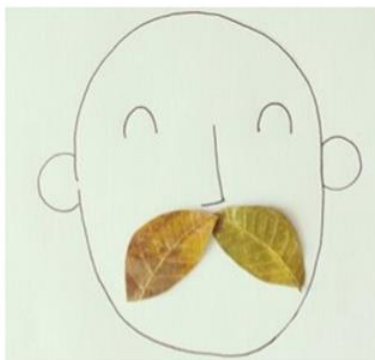
Have a look in the recycle bin and use old bottle tops....



Maybe use something from outside...



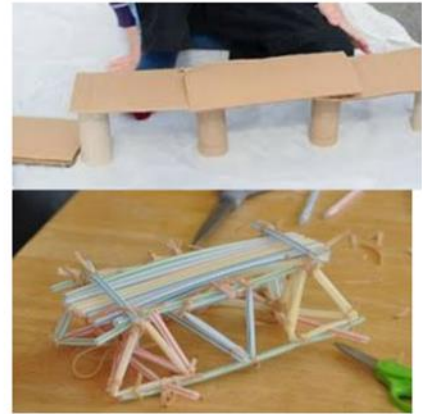
Or use food...



Construction Challenge

Who can make a bridge?

Why not try using toilet rolls, cardboard boxes, newspaper, Lego or whatever you can find!



Construction Challenge

Who can make the tallest tower?

Why not try using toilet rolls, cardboard boxes, newspaper, Lego or whatever you can find!



DAY 3: 'Is It Magic or Maths?' Day

Is it Magic or Is it Maths?

Try these tricks. Have a few practices in your books before trying them out on your family members.

1. This trick will impress everyone.

- Think of a number.
- Double it.
- Add 10.
- Halve it.
- Take away your original number.
- Is your answer 5?

2. Give them the following directions but tell them not to show you any calculations:

- Write down your age.
- Multiply it by $\frac{1}{5}$ of 100.
- Add on today's date (e.g. 2 if it's the 2nd of the month).
- Multiply by 20% of 25.
- Now add on your shoe size (if it's a half size round to a whole number).
- Finally subtract 5 times today's date.
- Show me your final answer!

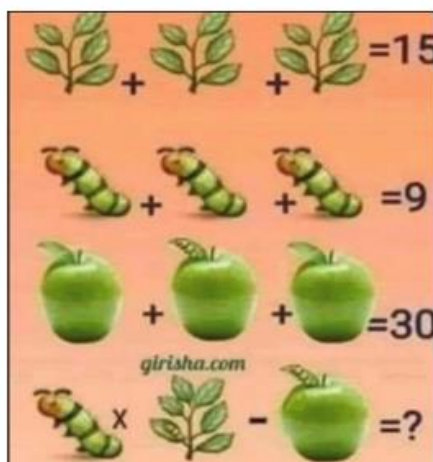
Look at the answer, the hundreds are the age and the remaining digits are the shoe size. If for instance somebody shows you 1105, there are 11 hundreds - the age, and the remaining digits 05 (or 5) show the shoe size.

Now, how on earth does that work?

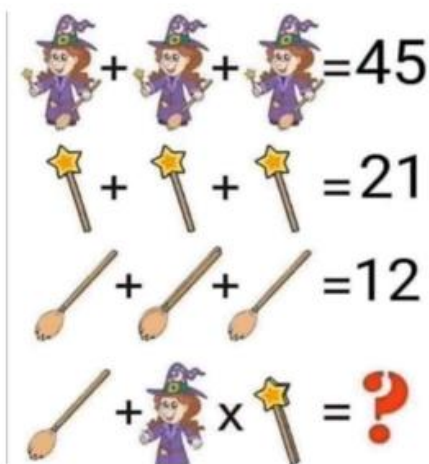
3. A cool math trick that gives the answer 37 every time.

- Choose a 3 digit number with same digits. Let's go with 333.
- Add the digits together. So, $3 + 3 + 3 = 9$.
- Divide the original number with this sum. So, $333 / 9 = 37$.
- This trick works every single time.

Picture Challenges- Check your answers carefully (there are some sneaky ones).



if : 9 = 90
 8 = 72
 7 = 56
 6 = 42
 5 = 30
 Then : 2 = ?



Puzzle time

12 to 15

	12		

	13		

	14		

	15		

Can you put the numbers 1 to 8 in each of the squares so that each side adds up to the middle number?

Puzzle time

Seven up!

Put the numbers 1, 2, 3, 4, 5, 6 and 7 in the circles so that each straight line of three numbers adds up to the same total.

Puzzle time

Balloon bursting

If a number in one of the balloons is included in the answers to the four problems below then that balloon will fly away.

- Balloons with a multiple of 9
- Square number balloons
- Prime number balloons

WHICH BALLOON IS LEFT?

Puzzle time

Code breaker

A code is a way of writing a message in secret. The code below is very easy. Each letter of the alphabet is replaced by a number. Send your message in numbers and then your friend can use the de-coder to find out what it says.

THE DE-CODER

A	B	C	D	E	F	G	H	I	J	K	L	M
1	2	3	4	5	6	7	8	9	10	11	12	13
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
14	15	16	17	18	19	20	21	22	23	24	25	26

So, if I want to write 'hello' I would write 8 for H, 5 for E, 12 for L and 12 for L again and then 15 for O.
My code would be **8 5 12 12 15**

Now try and work out what this says.

The code:

9			1	13		2	18	9	12	12	9	1	14	20
1	20		13	1	20	8	19							

Puzzle time

Calculator - words

Did you know that you can read words on your calculator? You can if you turn it upside down! Find a calculator. Got it? Good. Now type in 0.7734 Turn the display upside down.

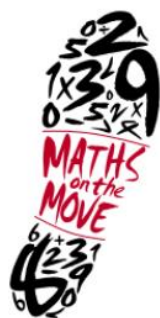
Hello!

Try these sums on your calculator. Turn the answer upside down and you should get a word. We have given you some clues so you may be able to guess the word before you start.

- $39459 \div 7 =$
(Spiders have 8 but millipedes do not have millions)
- $15469 \times 5 =$
(Put it to your ear and you may hear the sea.)
- The square root of 59876644
(It sounds like he invented the telephone.)
- $10\,000 - 9\,393$
(It's easy to fall off this)
- $1792202 \times 3 =$
(Put these on to see underwater)

The answer to No. 5 is not pyjamas!

There are loads more words you can make up. Try them for yourself. Can you make a five letter word? Can anyone make up a whole sentence? Can anyone find another 7 letter word, or even more?



HOME Challenge Sheet

Year 5 and 6

1 How many handles?

Count all of the door handles in your house.

What fraction of the handles have locks?

2 Odd socks

Take three different pairs of socks (6 socks in total). How many new pairs of socks can you make from the 6 socks you have?

3 Stop the clock star jumps

Use a stopwatch to time yourself doing 15 star jumps. Have five attempts and record the times. What was the fastest time?

What was the difference between the fastest and slowest time?

4 How long?

Estimate the length of a room in your house.

Now measure it. How close were you?

5 Always read the label!

Take a box/packet of food. Add up every number on the packet.

Check your answer with a calculator!

6 Find the area

Measure the area of the smallest and largest rooms in your house.

Smallest

Largest

What is the difference between your answers?

7 Count and multiply

Count each of the following in your house: chairs, doors, cupboards, windows, pillows, spoons, clocks and shoes. Now multiply the following pairs together. Before you begin counting - which calculation do you think will have the largest total?

Chairs x Doors

Cupboards x Windows

Pillows x Spoons

Clocks x Shoes

8 Prime number hunt

How many prime numbers are written around your house?

What is the largest prime number you can find?

9 Paper aeroplanes

Design and create three paper aeroplanes. Record the distance each plane flies and see which one flies the furthest.

Plane 1

Plane 2

Plane 3

What was the difference in cm between the three distances?

10 Maths on the Move number trail

Download and cut out the question cards and follow the answers around the house. [Download](#).

DAY 4: Science and Invention Day

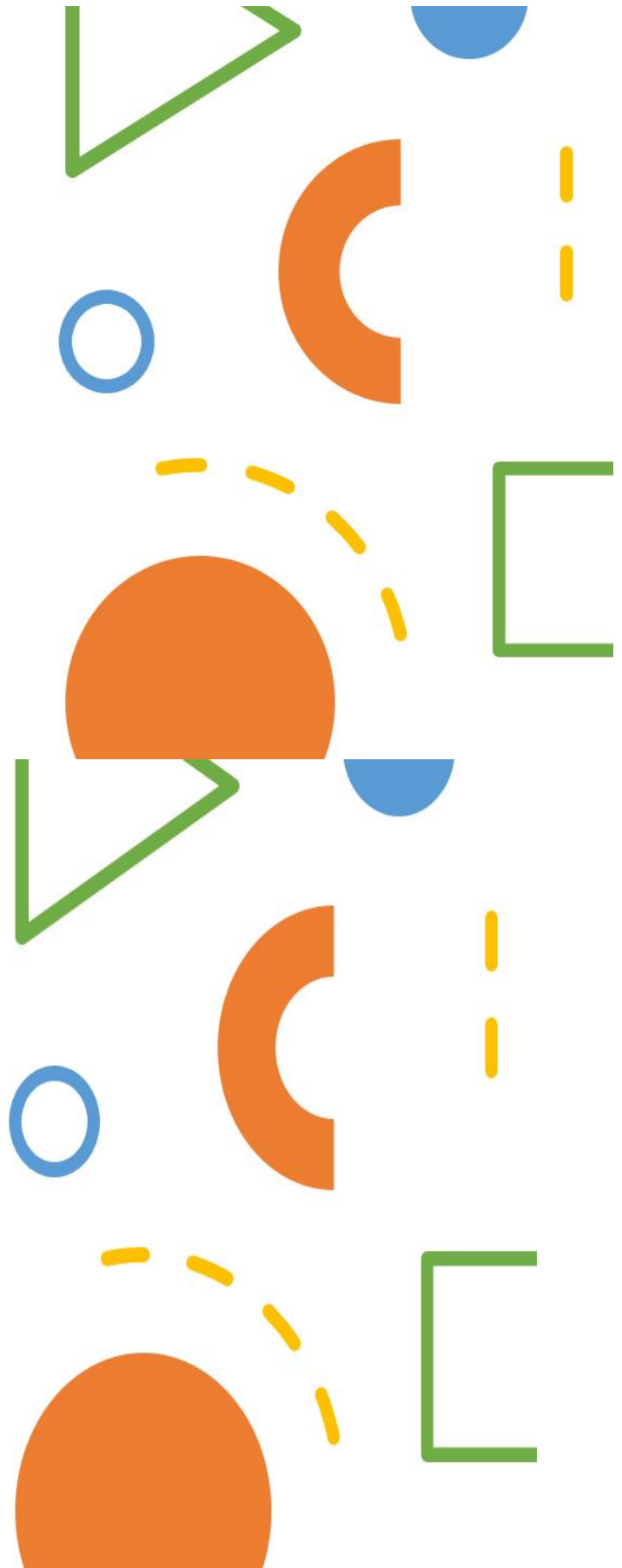
Super Science and Innovative Inventor Day

Science activity 1: Peer through your own homemade periscope

Ever wanted to peer around corners without being seen? Get to grips with how mirrors and light can combine to make one of the oldest spying tools in the book - the periscope.



<https://youtu.be/ra1HmKMxmGY>



Science activity 2: Keep a marble rolling for a minute

Design your own run that can keep a marble rolling for at least a minute using nothing more than cardboard and sticky tape. See how Dyson engineers did the same using Dyson machine parts.



<https://youtu.be/IN0Wn0XgPXQ>

Science activity 3: Race a balloon-powered car

Using just a balloon, a plastic cup, straws, thread and rubber bands, get to grips with balloon-powered propulsion and make your own racing car.

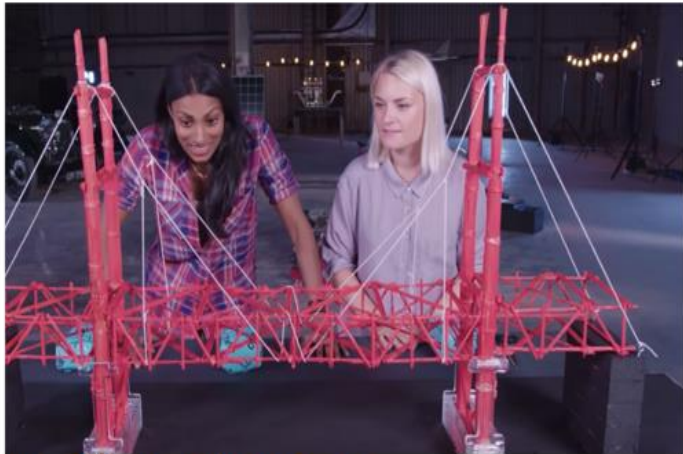


<https://youtu.be/2x-ixR7E3xA>



Science activity 4: Make the Golden Gate Bridge out of spaghetti

The Golden Gate Bridge in San Francisco, USA is one of the most iconic structures ever built. Here's your chance to recreate it from nothing more than spaghetti.



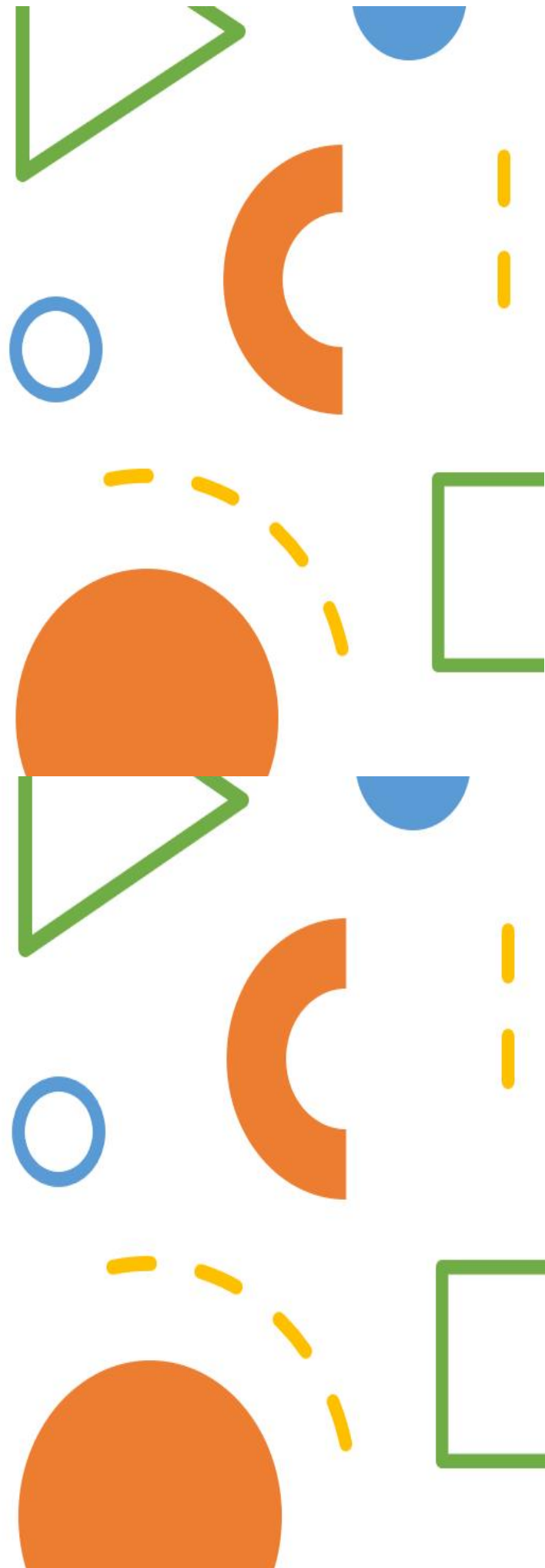
<https://youtu.be/Pp9U6lyolqg>

Science activity 5: Build a cardboard boat from scratch

Ever wondered how ships weighing thousands of tonnes stay afloat? Find out and put your design and invention skills to the test, making a boat from household items.

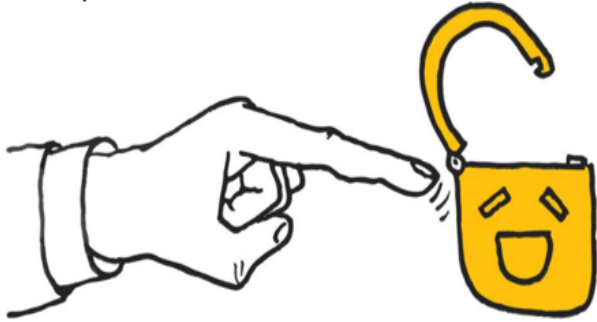


https://youtu.be/H_scnWnN1Fg



Inventor activity 1: Invent something to make yourself giggle.

For example:



A lock that can only be opened by tickling

Inventor activity 2: Design a shopping trolley that will help us to shop safely in supermarkets

For example:



Inventor activity 3: Join to
different things together to
invent a new thing.

For example:



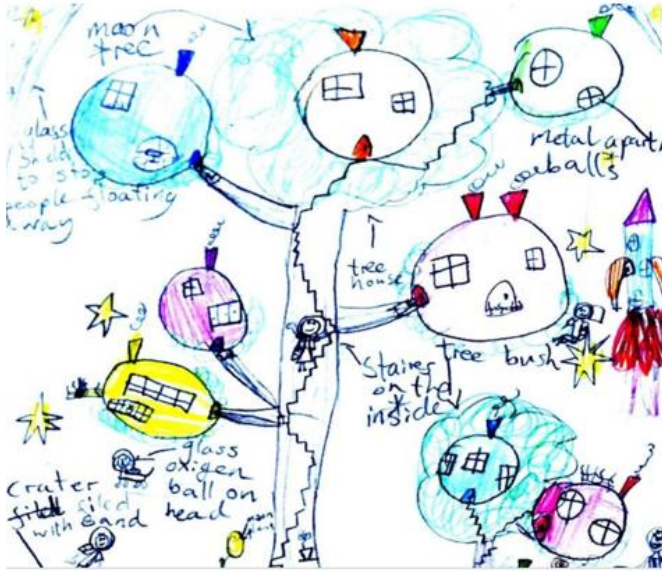
Inventor activity 4: Invent a
fun or bonkers thing to sit
on.

For example:



Inventor activity 5: Imagine
your school in a giant tree.
Draw your tree school.

For example:



DAY 5: Adventurer and Explorer Day

Welcome to explorer and adventurer day!

Enjoy the activities and remember to take lots of photos and videos to show everyone.

1) Every explorer and adventurer needs an outfit.

Design and make your own outfit and accessories using items in your house. Be creative!

Use this list to help you get ready:

A hat, cap or bandana	
Binoculars (see the ideas below for lots of ideas).	
A rucksack or bag	
Sturdy shoes	
Any other adventurer accoutrements you think you will need.	



2) **Now you are dressed, you need a suitable name.**

You can choose your own name or use the table to help you choose one.

BOY'S NAME	GIRL'S NAME	SURNAME
Indiana	Junko	Christopher
Bear	Ace	Scott
Fox	Lara	Austin
Huck	Merida	Jones
Bilbo	Lynx	Khan
Rocket	Rowan	Sawyer
Phileas	Tiger	Phoenix
Asher	Kestrel	Archer
Everest	Marlowe	Montgomery
Hunter	River	Lawson
Marco	Lyra	Nemo
Dragon	Tiger	Piccard
Jack	Cedar	D'Arcy
Forest	Jett	Flint
Jean-Luc	Amber	Valentine

My adventurer/ explorer name is: _____

Everest Archer

Rowan Piccard

Lyra Phoenix

3) Make a simple smoothie or snack to take with you on your adventures.

Remember: your snack should be quick to make, easy to transport and delicious to have on the move.

Take pictures of your snack or smoothie and write a description or recipe.

Example: **Miss Maciel's Terrific Trail Mix.**

Ingredients:

- 2 cups of cereal (eg cornflakes, Frosties, Rice Crispies etc)
- A handful of nuts (eg cashew nuts, brazil nuts, almonds etc)
- A handful of pumpkin seeds
- A quarter of a cup of raisins, sultanas or dried cranberries
- 3 heaped tablespoons of chocolate chips
- Dried mango (chopped into small pieces)

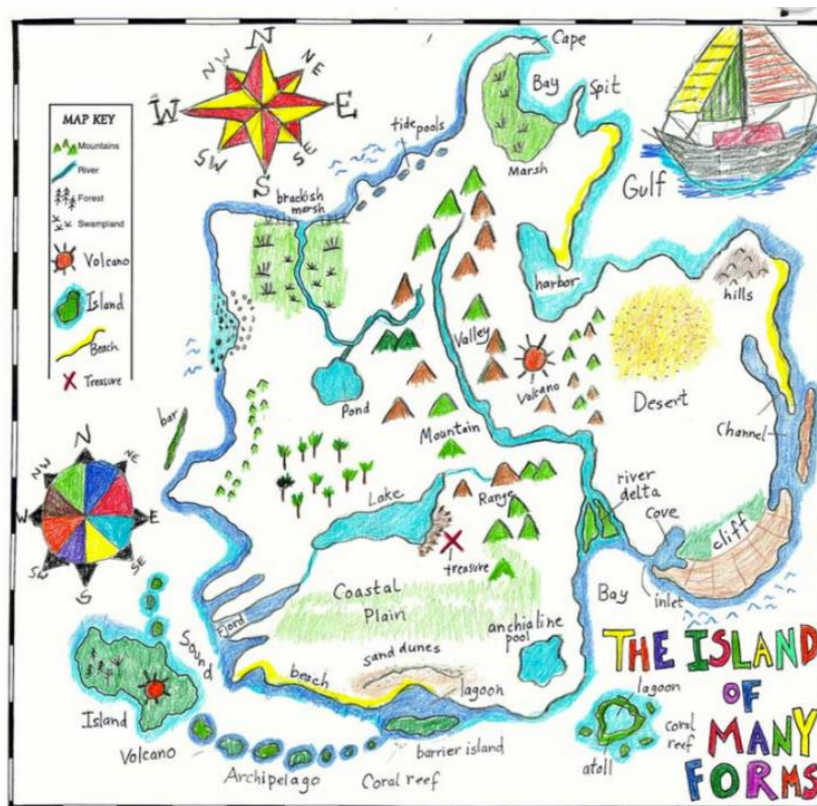
Method:

- 1) Mix all the ingredients together gently and thoroughly.
- 2) Put the mixture into small, airtight bags.
- 3) Enjoy at your leisure!



4) Draw a map or make a model of a treasure island.

Draw your own map or make a model. You can look on the internet for inspiration but here is an idea to get you started:



HINT: All great treasure island maps include:

A big, bold title for the map	
A carefully drawn map	
Lots of landmarks marked on the map	
The ocean, sea, rivers and lakes coloured in in blue.	
Interesting landmark names eg 'Hangman's Cave', 'Pirate's Cove'	
A key	
A compass	
Neatly written labels	

5) **All adventurers and explorers document their quests with notes and photographs.**

We'd like you to take photos of everyday objects in your home and garden from unusual angles.

Make a video or PowerPoint of your photos so we can guess what they are. You can also put your photos on a MS Word document or paste them onto your Onenote sheet.

Here are some examples. Can you guess what they are?



My guess: _____



My guess: _____



My guess: _____

6) Regale us with your adventurous exploits and unveil the treasure you found

When you find the site of the treasure, you find that you can choose ONE of these treasures:

TREASURE	
A huge cave full of gold and jewels	
The secret of eternal (everlasting) youth	
The cure to a horrible disease like cancer	
A way to end plastic pollution in the oceans	
The ability to learn new skills and information instantly and properly	
A way to end world hunger immediately	
One super-hero power of your choice	

Tick the one you have chosen.

Send us a video or a SHORT piece of writing explaining why you have made your choice and what challenges you had to face to find the treasure. Make it up! Be creative!

