

## Chalk Obstacle Course



Create your own chalk obstacle course on your driveway or the footpath in front of your house. Include a variety of movements. You might like to time yourself or other family members to see who is the quickest to complete the course.

Variation: If you don't have chalk you can use objects and you can create a regular obstacle course.

## Persuasive Writing



Pick an opinion:

Technology Free Days are an important part of remote learning.

or

Technology Free Days are unnecessary and should not be part of remote learning.

Plan, compose and publish a persuasive piece of writing to convince us of your opinion.

Words have power....your writing might change the future of Technology Free Days.

## SPOONVILLE MAKE YOUR LOCAL COMMUNITY SMILE

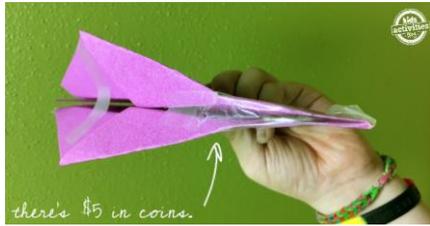
Spoonville families are popping up in many communities and they bring a smile to people's faces when they go on their daily walks.

Have you seen any in your neighbourhood?

Create your own Spoonville for your local community to enjoy.



## The \$5 Aeroplane STEM Challenge



Your task is to create a paper aeroplane that can carry exactly \$5 in COINS a distance of 10 meters (about the length of two cars).

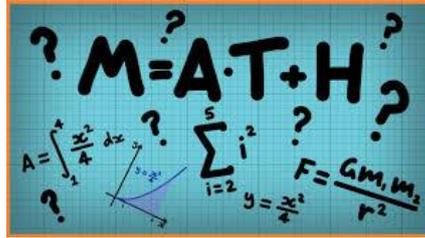
This challenge is about trial and error, use your mistakes and try lots of designs.

### Tips:

- Where will you put the coin on the plane?
- What designs will you try?
- How are you going to throw it?
- Which coin combination will be the lightest?

## How large a number??

A math challenge



How large a number can you make using the digits below?

9 2 4 5 6 1

You can use ANY of the four operations to help you.

**X** Multiplication / groups of / times

**+** Addition / plus / more than

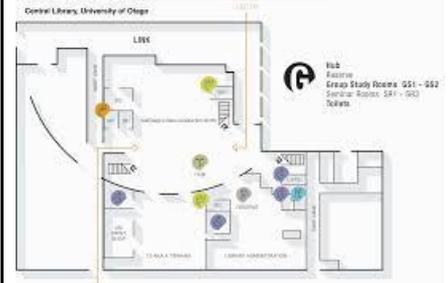
**-** Subtraction / minus / take away / less than

**÷** Division / shared between / divided by

You could add  $924+561$   
Or you could multiply  $9 \times 2 \times 4 \times 6$   
Or you could multiply  $92 \times 45$

Try lots of strategies to make the biggest number

## Mappenin' is what's happenin'



For this task you will need:

- A3 paper if possible, A4 is ok otherwise
- A pencil
- A ruler

Draw a detailed map of your house. If you have a front and backyard, include those on your map. Use a ruler to make sure your map is neat and detailed.

If you can, try to make your map as accurate as you can with scale and size.

Once you have drawn your map, draw different things from your yard and house on your map.



Lockdown is tough and we can't eat out at our favourite cafe and restaurants at the moment.

But today we can pretend! I want you to pretend that you are a restaurant owner and today you are going to write your own menu.

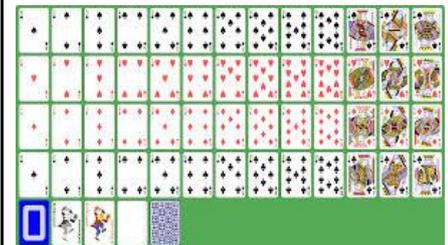
## Storm in a Glass



Materials

- Shaving cream
- A large glass
- water
- Food coloring

## PLAY THE DECK



Equipment

1 x deck of playing cards

How to play

<ul style="list-style-type: none"> <li>● What meals would you serve?</li> <li>● What drinks would you serve?</li> <li>● Is your restaurant a specific cuisine?</li> <li>● Do you have any meal deals?</li> <li>● Do you have a 'special of the day'?</li> </ul> <p>Write and decorate a menu that includes prices.</p>	<ul style="list-style-type: none"> <li>● <b>A spoon</b></li> </ul> <p><b>Instructions:</b></p> <ol style="list-style-type: none"> <li>1. <b>Fill the glass 1/2 full with water</b></li> <li>2. <b>Spray some shaving cream on top of the water to fill the glass to 3/4 full.</b></li> <li>3. <b>Use your finger or a spoon to spread the shaving cream evenly over the top of the water. The top of the shaving cream should be flat.</b></li> <li>4. <b>Mix 1/2-cup water with 10 drops of food coloring in a separate container. Gently add the colored water, spoonful by spoonful, to the top of the shaving cream. When it gets too heavy, watch it storm!</b></li> </ol> <p><b>How does it work?</b></p> <p>Clouds in the sky hold onto water. They can hold millions of gallons! The layer of shaving cream is our pretend cloud in this experiment. The shaving cream layer can also hold onto water. Clouds can't keep storing more and more water forever, eventually they get too heavy. When that happens, the water falls out (precipitates) as rain, snow, sleet, or hail,</p>	<p>You can play this game by yourself or with family members at home.</p> <p>Pull a card from the deck. Complete the activity for the allocated card (listed below). Continue until the deck of cards is finished or the allocated time is up.</p> <p>Ace = 1 push  2 = 2 squats  3 = 3 crunches  4 = 4 left leg hops  5 = 5 right leg hops  6 = 6 left leg lunges  7 = 7 right leg lunges  8 = 8 high knees  9 = 9 toe taps  10 = 10 star jumps  Jack = run on the spot  Queen = take a break  King = Have a drink  Joker = Run to the letter box and back</p>
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## RESTAURANT CREATION



### INSTRUCTIONS:

Create a restaurant menu, using 10 of your favourite dishes that you or an adult makes at home. Use descriptive language to create imagery in your descriptions. Show the menu to a family member.

## Origami Finger Puppets



Create a collection of different Origami Finger puppets and make a roleplay.

Origami instructions are on the page below.

## LEGO BRIDGE BUILDING CHALLENGE!

calling all budding engineers...



Your challenge is to create a Lego Bridge that will hold a weight. You could use a book or some small stuffed toys and see if your bridge stays up.

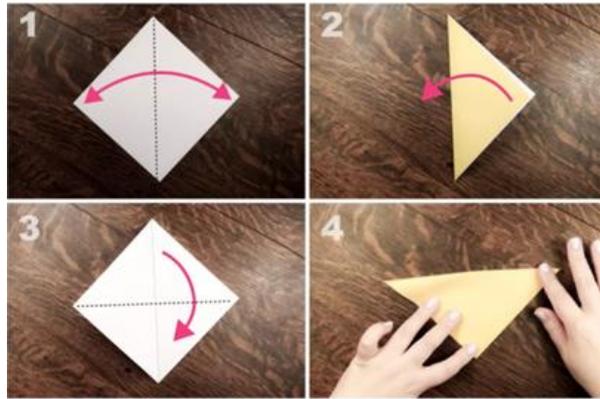
What is the maximum weight your bridge will hold?



## Origami Finger Puppets

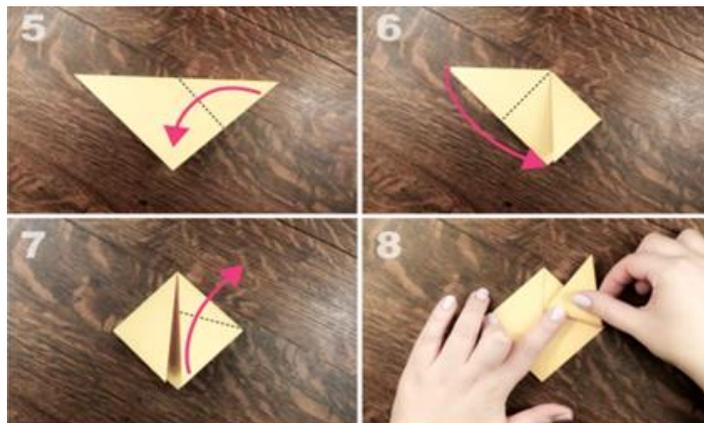
### 1. Origami Finger Puppet Tutorial - Step 1

1. Start folding by placing the white side of the paper up towards you. Place your paper so it's a diamond shape with the lower corner pointing towards you.
2. Fold the paper in half vertically (the left corner to the right corner) and unfold.
3. You will have a crease down the middle.
4. Then, fold the paper in half horizontally (the top corner to the bottom corner). Keep it folded that way.



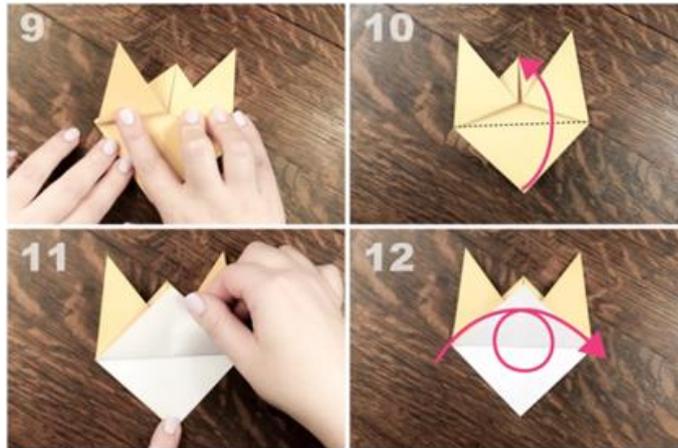
## 2. Origami Finger Puppet Tutorial - Step 2

1. Fold the right corner down to the bottom center point.
2. Fold the left corner down to the bottom center point.
3. Fold the right flap up from the center as shown.
4. Roughly position the flap with the right edge at a 90-degree angle



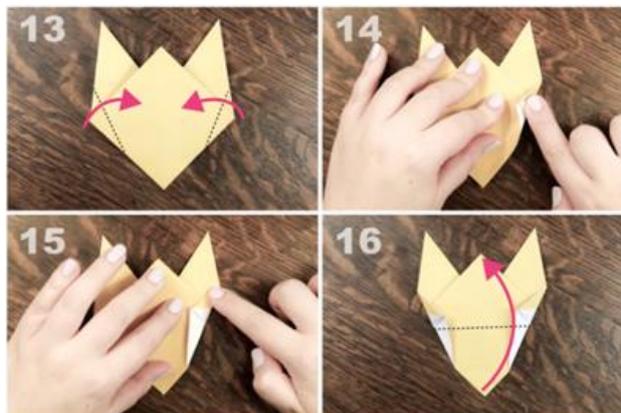
## 3. Origami Finger Puppet Tutorial - Step 3

1. Fold the left flap in the same way as the right.
2. Fold one layer from the bottom section up to the top point.
3. Keep one layer down for now.
4. Turn the puppet over.



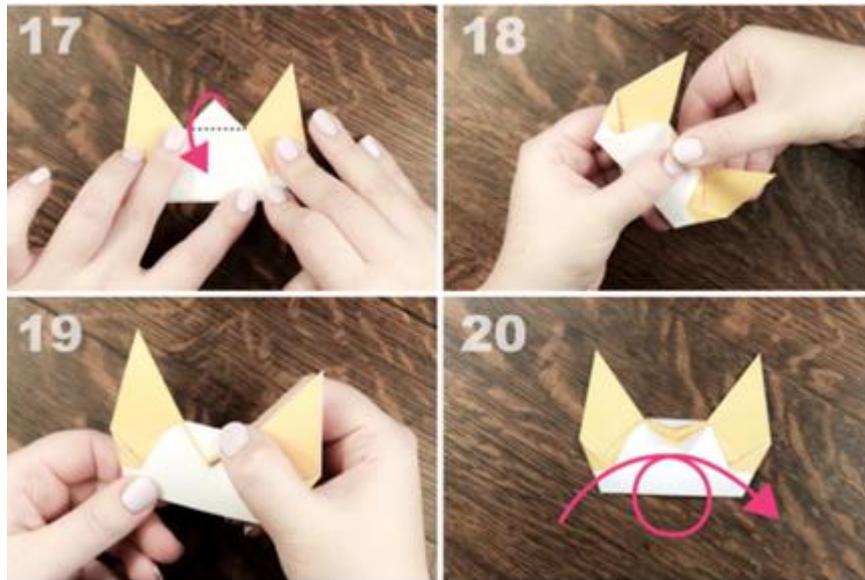
#### 4.. Origami Finger Puppet Tutorial - Step 4

1. You will now fold in the edges.
2. Fold the left and right edges inward.
3. Keep all folds crisp.
4. Now fold the remaining bottom section up to the top point.



#### 4. Origami Finger Puppet Tutorial - Step 5

1. Fold the top middle point down.
2. Fold all the layers of the top middle point down.
3. Make the folds crisp.
4. Turn the puppet over.



#### 5. Origami Finger Puppet Tutorial - Step 6

1. Now you have a blank face for your puppet.
2. Use a marker to draw eyes, nose, whiskers, and mouth.
3. Open up the bottom of the puppet so it slips onto your finger.
4. Have fun playing puppets!

Create as many different Origami Finger Puppets as you wish and make a roleplay.