



Halesowen C of E Primary School
 Summer Activity Sheet
GREEN SHEET

Create a Goldberg machine.

A Goldberg machine is a machine designed to perform a simple task in an indirect and complicated way.



Check out these videos for inspiration.

<https://www.youtube.com/watch?v=xHrYypDKXTc>

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Start your machine out with a few shorter and smaller tasks, you will have to make some adjustments to get it work properly. Then add more on and see how big/long you can make it.

Be sure to record a video and/or take a picture to share with everyone.



Bubbles, bubbles, bubbles!!



Create your own bubble mixture using the following recipe.

Ingredients:

- 4 cups warm water
- ½ cup of sugar
- ½ dish soap.

Method:

1. Whisk the sugar into the warm water until the sugar dissolves.
2. Whisk in the soap.
3. Let sit for a few hours or even overnight.
4. It's time to blow bubbles using your new solution!

**You can also add ½ of corn starch and/or 1 tablespoon of baking powder to make your solution better.

Make your own homemade bubble wands. Using string, sticks, pipe cleaners, play dough, wire etc.



How big of bubble can you make? Challenge someone to a bubble blowing competition using your homemade wands. Which one makes the biggest bubbles.

Star light, star bright, first star I see tonight....



When it is dark outside, with an adult, go out and look at the stars.

Take a stargazing map with you and see how many constellations you can find. Take a notebook and sketch what you see.

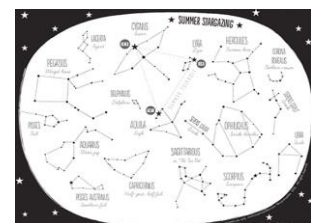
**Make sure the night you choose there is little or no moon and the sky isn't cloudy. Be sure to stay away from street lamps, bright signs and headlights.

You must have an adult with you to do this activity

Maps:

<https://www.amnh.org/explore/ology/astronomy/a-kid-s-guide-to-stargazing>

<https://www.bbc.co.uk/cbeebies/makes/stargazing-maps>

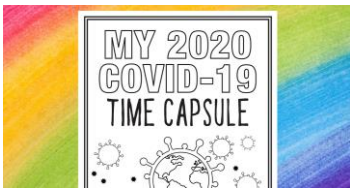




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Create a time capsule called "My 2020 Covid-19 Time Capsule"

In it you will need to include a letter or a diary entry describing what the past 9 weeks have been like. You can include what you have been doing with your days, what you have enjoyed and what you have missed. Can you also include what you are most excited about doing when this is over. And then include either a photograph or picture.



Go on a nature scavenger hunt.

Can you collect ten items you might find on your daily walk.

Make a list and tick them off - maybe draw a picture or take a photo of the things you find.

Can you challenge a family member to find them all?

Nature Scavenger Hunt



Organise a fashion show.

Create a 'catwalk' in your back garden or somewhere inside then get your family to put on their best clothes.

You could be the commentator and describe their outfits as if you were trying to sell them to buyers.

A prize could be awarded for the best 'diva' walk!



Picnic

The weather is looking nice for next week so why not go for a picnic with your family? And if you don't want to go out you don't have to! Have a carpet picnic at home :)

To make it extra special can you help your grown ups make it? Maybe help prepare a sandwich or salad to take. You could even create a menu.



Learn to skip.

This is one of those challenges where we need lots of perseverance. At school, we often get frustrated when we can't skip so why not try to conquer the challenge and then show off your new skills when we get back to school! Or you even send a video in to show us!

You don't need a skipping rope if you haven't got one. Try tying a couple of scarves together. That should do the trick.

When you have mastered the art of skipping, there are lots of skipping games you could play with your family.



Build your own den!

Find some blankets, pillows, books and a snack.



Place the blankets over some chairs, the back of the sofa, or part of your bed to create a tent. Throw in some pillows, a cuddly toy, grab some books and a snack and snuggle down.

Use your den for quiet time, read a book, watch a film, colour, take a nap or have a tea party....get creative!

