

Please email your work into us using the Year 6 email address –

[year6@highworthcombined.co.uk](mailto:year6@highworthcombined.co.uk)

We love hearing from you and seeing everything you've been up to!

REMEMBER that we do not expect you to complete all the activities, we are happy for you to choose the activities you would like to do!



**17<sup>th</sup> July is Emoji Day!**



### English

## Year 6 Summer

### English Activity Booklet

We have attached an activity booklet for you to complete. There are ten different activities for you to choose from including this fun activity where you need to match the cones and ice cream to make compound adjectives. Remember to use the hyphen!



We have attached the answer booklet too so you can check your own work.

### Maths

Your Maths activity today is to complete some emoji code breaking.

There are 3 different challenges – 1 star, 2 star and 3 star. You can choose which you would like to solve and then mark your own work.

Try to challenge yourself!

5	2	7	3	4

9	6	8	0	1

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### Science

We have attached some instructions to make your own air powered rocket. You will need to an adult to help you!

## Make an Air Powered Rocket

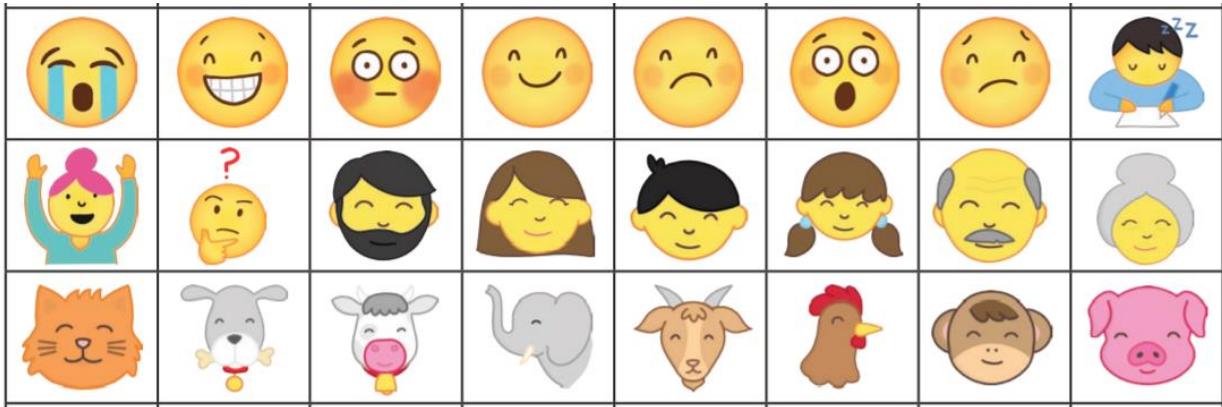
This activity is suitable for outdoor use. Please make sure you have a suitable area of space to work within and that the correct risk assessments are completed.



## Wellbeing and Mindfulness

### 17<sup>th</sup> July is Emoji Day

Your challenge is to design a new emoji. Look at these examples to help you with some ideas.



**This is your final Home Learning matrix for Year 6.**

All the adults are incredibly proud of each and every one of you for everything you have achieved whilst at Highworth and particularly in Year 6. You have all been amazing and we are grateful that we were able to work with you and see your confidence grow throughout the year.



Please keep in touch with us – we would love to know how you are getting on next year. 😊

# Make an Air Powered Rocket

This activity is suitable for outdoor use. Please make sure you have a suitable area of space to work within and that the correct risk assessments are completed.

## What you will need:

- A 2-litre water bottle.
- Suitable craft resources to make your bottle into a rocket.
- A cork (this needs to be pre-cut by an adult to ensure the needle will be able to go all the way through it).
- An air pump with a needle adapter (e.g. bicycle or football pump)
- A launch pad (e.g. a garden fork) to place your bottle on in preparation for launch.



## Instructions:

1. Decorate your bottle to turn it into a rocket. It is a good idea to put fins on either side.
2. Push the cork into the neck of the bottle.
3. Pierce the cork with the needle adapter, ensuring the needle comes through on the other side.
4. Place the bottle onto the launch pad, bottle neck down.
5. Attach the pump to the needle adapter and begin to pump air into the bottle.
6. When the rocket bottle is full of air, it will launch into the sky.

## Extension Activities:

- Can you find a way of measuring how high your bottle launches into the sky? Can you make it go higher?
- Fill your bottle with different amounts of water before pumping it full of air. What happens when it launches?