



Hillside Primary School



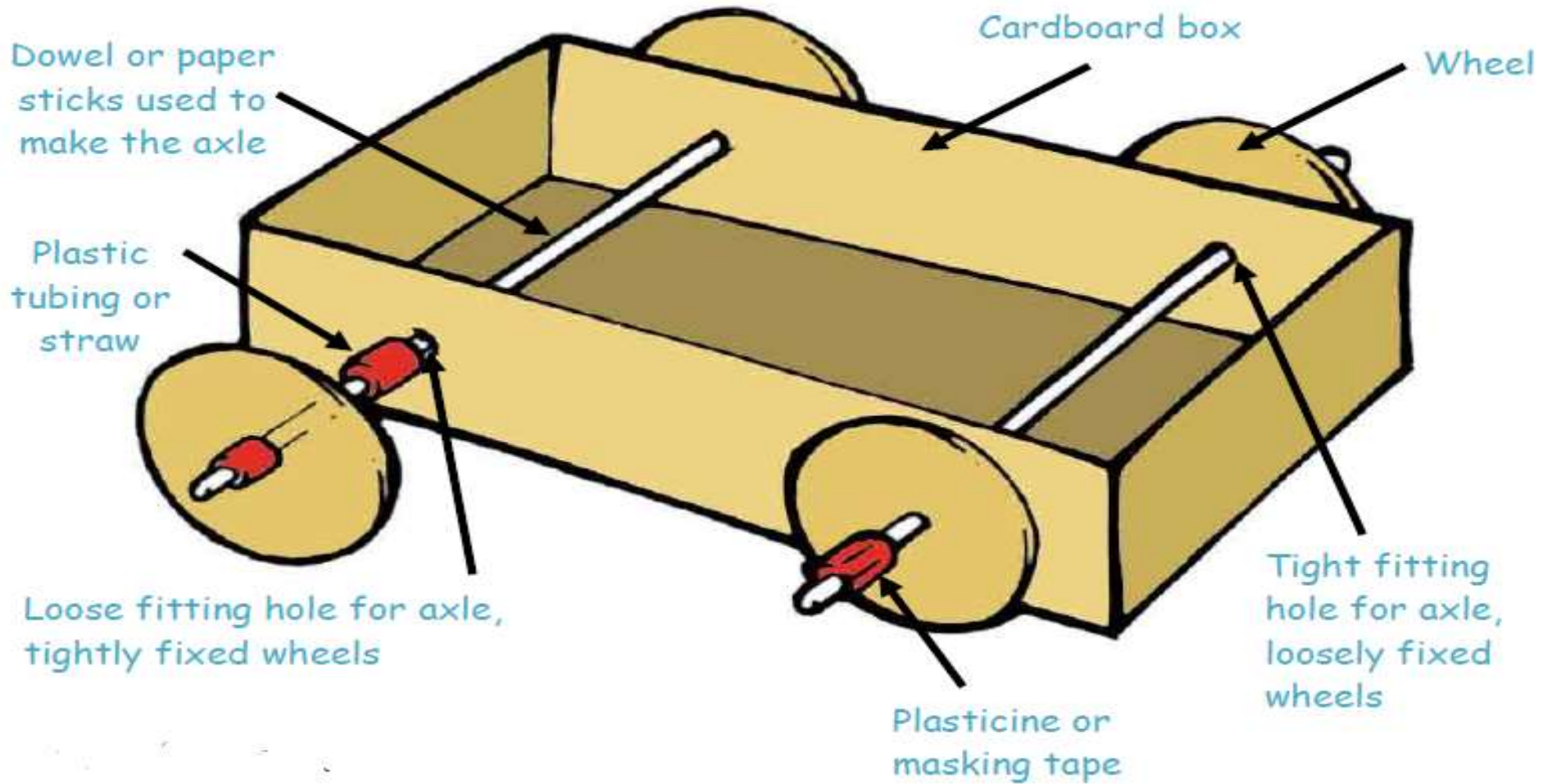
Home Learning Grid - Year 2

<p style="text-align: center;"><u>PSHE</u></p> <p>As we get closer to the summer holidays, it's important to start thinking about next year. I'd like you to reflect on your hopes and dreams for year 3. Please write them in a calligram (think back to before Christmas!). I would like you to write your hopes and dreams in a shape of your choice. It could be a heart, a thought bubble, a number three or something else.</p>	<p style="text-align: center;"><u>PE</u></p> <p>On the home learning page, there are activities available to hold your own sports day at home! Follow the link below and compete against yourself to improve your skills.</p> <p>https://hillsideprimary.org.uk/virtual-sports-day/</p>	<p style="text-align: center;"><u>Extended Writing</u></p> <p>The time has come to reflect on the year we have had. I have absolutely loved teaching each and every one of you and I will miss you all so much next year. We've made some super memories this year and I would like you to produce a recount of some of your favourite times from this year. Choose two ideas to go into depth on. Use the list on the support sheet to help you. This will be your last piece of writing as a year 2 child – make it your best!</p>
<p style="text-align: center;"><u>Science</u></p> <p>Below is a list of animals. Sort them into animals from hot habitats and animals from cold habitats. Afterwards, you may want to research which country the animals come from, facts about them and their habitat and other animals from that country.</p> <p>If you really enjoy science, don't forget the science enquiries on the app. Number 8 is below.</p>	<p style="text-align: center;"><u>Computing</u></p> <p>On the last home learning grid, you created a fact file about the United Kingdom. On Purple Mash, I would like you to create another fact file but this time, it can be about anything you like. Think of something you are really interested in. The better presented it is, the more impressed I will be.</p>	<p style="text-align: center;"><u>Music</u></p> <p>https://jamsinging.wordpress.com/</p> <p>This is Mr Hall's website. Click on Year 1 activities for some music lessons or click on singing stars for some sing-along videos. One of Mr Hall's talents is to rewrite songs with his own lyrics. I would like you to take a song you know really well (nursery rhymes are good to use) and rewrite the lyrics. You could rewrite them about yourself, lockdown or something you have learnt this year. Afterwards, you may want to film yourself singing your song.</p>
<p style="text-align: center;"><u>Topic</u></p> <p>We learnt that Edward John Smith, captain of the Titanic, was born in Hanley, Stoke-on-Trent. The Titanic is a well-known ship that sank after hitting an iceberg. Below are the main events that occurred when the ship sank. Using your best handwriting, I would like you to order the events and create a timeline of this historical event.</p>	<p style="text-align: center;"><u>Reading</u></p> <p>Reading is the perfect activity to pass the time. Please read at least three times a week. I would be super impressed if you could read every day. This can be one of your reading books or a book from home. Don't forget the reading on Purple Mash.</p>	<p style="text-align: center;"><u>Design and Technology</u></p> <p>Between the 17th and 19th July, the British Grand Prix would have taken place at Silverstone. I would like you to design and make a race car for a new race team to win the Grand Prix! First, sketch out your drawing and label it. Then, use simple materials like card, straws and blue tac to make your car. There is a help sheet below.</p>



British Grand Prix Car

Example of two different ways to fix wheels





Home Learning Grid - Year 2

Hot and Cold Habitats



camel



meerkat



penguin



reindeer



lizard



musk ox



scorpion



killer whale



fennec fox



Arctic fox



walrus



snake



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Science Enquiry

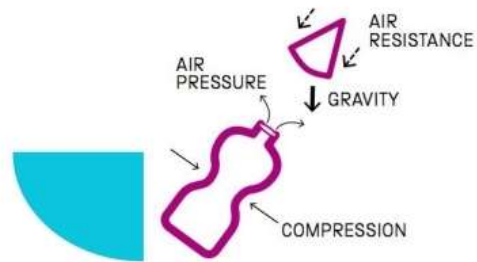
Science: Skill Focus - Making Improvements

Question



How far can you make a rocket fly?

Cut a piece of paper into a curve (blue shape):
Fold and tape to make a cone
Decorate the cone
Fit on top of an empty milk bottle
Squeeze the bottle
Watch the rocket fly.



<https://learning.sciencemuseumgroup.org.uk/resources/rocket-mice/>

Question

Predict

Observe

Record

Analyse

Report

Younger Children

Older Children

How far can you make the rocket go?
Decorate the rocket. Does adding wings or decorations change how far the rocket flies?

Can you change the rocket or launcher to improve the rocket flight?
Repeat each design 3 times to improve the reliability of your results. Create a labelled diagram of your rocket and measure the distance flown.

Challenge

About this type of Science

Investigate the forces used to allow a rocket to fly. You might consider:
Which forces must be overcome?
How are rockets designed to reduce air resistance?
How do rockets land safely?

Using your results to try and make improvements to your results is a crucial part of science. By continually questioning why scientists got their results and what happens when it is changed a bit, some incredible technology and advancements of our understanding of the world has occurred. James Dyson, bagless vacuum inventor made 5271 vacuums before he finally made one that worked.



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The Titanic

<p><u>14th April 1912 at 11:40pm</u></p> <p>The lookouts see an iceberg ahead. The Titanic tries to steer around it, but is hit on the right-hand side.</p>	<p><u>15th April 1912 at 12:00am</u></p> <p>Captain Smith is told the ship can only stay afloat for a couple of hours. He gives the order for help over the radio.</p>
<p><u>15th April 1912 at 12:25am</u></p> <p>Another ship, The Carpathia, picks up the distress call about 58 miles away and sails as quickly as possible to help.</p>	<p><u>15th April 1912 at 2:20am</u></p> <p>The remaining part of the ship starts to sink. The remaining passengers are stranded in the water..</p>
<p><u>10th April 1912</u></p> <p>Passengers arrive in Southampton excited to board the ship.</p> <p>The Titanic sets off on her maiden voyage at midday.</p>	<p><u>15th April 1912 at 12:45am</u></p> <p>The first lifeboat is lowered into the water. It leaves not even half full.</p> <p>The first of eight distress rockets are fired into the air to signal for help.</p>
<p><u>15th April 1912 at 8:50am</u></p> <p>The Carpathia turns up and saves 705 of the passengers and crew. It heads towards New York. Sadly, not everybody was able to be saved.</p>	<p><u>11th April - 13th April 1912</u></p> <p>The Titanic sails though calm waters towards New York. It carries 2,223 people on board.</p>
<p><u>15th April 1912 at 2:05am</u></p> <p>The last lifeboat is lowered into the water. Over 1,500 people remain stranded on the ship.</p> <p>As the front of the ship starts to sink, the back of the ship starts to rise out of the water before eventually breaking into two pieces.</p>	<p><u>1908 - 1909</u></p> <p>Work begins on White Star Liner's newest steam ship, Titanic.</p> <p>It will be the largest steam ship ever made, and is built in Belfast, Ireland</p>
<p><u>14th April 1912 at 11:50pm</u></p> <p>Water has poured in and risen extremely quickly in the front part of the ship.</p>	<p><u>15th April 1912 at 12:05am</u></p> <p>The lifeboats are prepared. There is only room for half of the people on board to get on a lifeboat. Woman and children are rescued first.</p>