



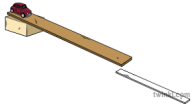






Primary 1 and 2 Home Learning Grid: 11th January 2021



<p>Lego Cars</p> <p>How to make a Lego balloon car instructions</p> <p>Materials:</p> <ul style="list-style-type: none"> • Lego bricks • Lego wheels • Balloons <p>Instructions:</p> <ol style="list-style-type: none"> 1. Have your child create and build a LEGO car. 2. Show your child how you can build a hole to stick the balloon through. 3. Blow up the balloon and hold the end shut while you place the cars on the ground. 4. Let the LEGO cars go and see which car can travel the farthest! <p>Here are some experiments you can do with your child:</p> <ul style="list-style-type: none"> • Blow up the balloon bigger. Does the car go faster? Farther? • Add some more LEGO bricks to the car. How does the extra weight affect how far the car can travel? • Try racing the cars on a different surface (i.e. carpet vs. wood floor). Place the balloon higher up or lower down on the LEGO car. How does the placement of the balloon affect how the car moves? Record using pictures or writing (adult scribed or child written in their book) 	<p>Spoon Catapult</p> <p>Pick a target then choose one of the designs below or create your own spoon catapult and build a catapult that will propel a small object at the target.</p> <p>Remember; some of the materials need to be able to bend without breaking.</p> <p>Do you know what a fulcrum is? (See below!) Because...</p> <p>Where you put the fulcrum will have an impact on how successful your catapult is at reaching its target. Try moving the fulcrum to prove this!</p> <p><i>A fulcrum is the point of balance that props up a level, stick or beam. A catapult is a lever, a stick or beam propped up by a fulcrum (a pivoting point). A lever will magnify the force you put on it if the fulcrum (the pivoting point) is closer to your force than it is to the load.</i></p>   	<p>Ramps!</p> <p>You will need;</p> <ul style="list-style-type: none"> Toy cars or vehicles with wheels A flat surface to make a ramp (piece of wood, book, chopping board etc.) <p>Prop up your ramp and see how fast your car travels down the ramp and how far it travels after the ramp. Try to vary the height of the ramp and see if there is an effect to how fast and how far your car travels. Measure your distances using paces, hand spans or a tape measure. Change: Try different surfaces. Does your vehicle go different speeds and distances on different surfaces? GO BIG! Try to get some adults involved and make the biggest ramp you can! Record in your book with photos, pictures or writing.</p> 
<p>Zog and the Flying Doctors</p> <p>https://www.bbc.co.uk/iplayer/episode/m000qq5j/zog-and-the-flying-doctors</p> <p>Watch Zog and the Flying Doctors on the above link. Think about your favourite part of the story. Imagine you are a character in the story. Draw and write (P1 ask an adult to help scribe for you and then copy) about what you would do!</p>	<p>Friendship Chains</p> <p>I know you will be missing your friends at school. Why not make some paper chain friends. Ask an adult to help you make the template and colour your characters to look like your friends. Take them on an adventure!</p> <p>“The Paper Dolls” by Julia Donaldson is available on YouTube. Ask an adult to help you look for it. Read or listen to the story.</p> 	<p>Exercise!</p> <ul style="list-style-type: none"> • Join in some fun with Joe Wicks. Ask an adult to help you find him on YouTube. • Go for a walk or play outside every day this week. Make sure you wear suitable clothes for the weather! • Go Noodle https://family.gonoodle.com/ (free login) Look at the dances and see if you can learn some. Great fun and very active!
<p>Art from Miss Rainey:</p> <p>Please see additionally uploaded PDF with instructions on how to make your very own Mondrian picture. Have fun!</p>  <p>Resource: Mon Mondrian art 1</p> <p>MONDRIAN IS OUR ARTIST FOR THE MONTH AND HE LOVED SHAPES AND COLOUR...</p>	<p>Music from Mr Sandison:</p> <ol style="list-style-type: none"> 1. Watch part 1 of the story for Little Red Riding Hood (half way down the page) - https://www.bbc.co.uk/teach/school-radio/music-ks1-little-red-riding-hood-song1/z74txyc 2. Sing along with the song 'I Love Red' 3. Ask a parent or guardian to film you singing it, don't be shy! 	<p>PE from Miss Spence:</p> <p>PE activities to follow early next week via email.</p>

Remember to share your learning with me by emailing: gw15irvinejayne@glow.sch.uk