

Learning Activities	Communication	Supporting Sites
<p><b>Topic: <i>Scientific investigations</i></b>  <b>What do you want students to know?</b>            Be able to complete all sections of a scientific enquiry</p> <p><b>Week 4 Learning Objective: complete an investigation into plant growth</b></p> <p><b><u>Task 1</u></b>            Read through the method given for this investigation and complete the project booklet using your scientific enquiry knowledge. If you are unsure you can go back to the scientific enquiry skills power point or contact your teacher.</p> <p><b><u>Task 2</u></b>            If possible, watch the video of a President Kennedy teacher completing the practical.</p> <p><b><u>Task 3</u></b>            If you want to you can do this experiment at home.</p> <p><b><u>Task 4</u></b>            Send your completed work to your teacher and if you want a picture of yourself having completed the project. You can find all the email address below.</p> <p><b>Resources needed: Pen and lined paper.</b></p>	<p><b>Key Vocabulary (list 10 words per week)</b></p> <p><i>Independent variable</i>  <i>Dependent variable</i>  <i>Control variable</i>  <i>Hypothesis</i>  <i>Prediction</i>  <i>Method</i>  <i>Hazard</i>  <i>Risk</i>  <i>Prevention methods</i>  <i>Remedial actions</i>  <i>Average</i>  <i>Conclusion</i>  <i>Evaluation</i>  <i>Accuracy</i>  <i>Reliability</i></p> <p><b>What do you want them to practice? How?</b></p> <ol style="list-style-type: none"> <li><i>Practice spelling of key words</i></li> <li><i>Learn definitions - Make revision cards of definitions</i></li> </ol>	<p><b>Signpost to:</b>  <i>Websites:</i>  <b>Link to the scientific enquiry knowledge</b>  <a href="https://www.bbc.co.uk/bitesize/topics/zqkk7ty">https://www.bbc.co.uk/bitesize/topics/zqkk7ty</a>            - This is a KS2 site but it has simple explanations of what you need to know</p> <p><b>Link to the plant growth knowledge</b>  <a href="https://www.bbc.co.uk/bitesize/topics/zy66fg8/articles/z98jpbk">https://www.bbc.co.uk/bitesize/topics/zy66fg8/articles/z98jpbk</a>  <b>link to an online version of the experiment – not exactly the same as the one suggested.</b>  <a href="https://www.stem.org.uk/resources/elibrary/resource/314741/do-plants-need-soil-grow">https://www.stem.org.uk/resources/elibrary/resource/314741/do-plants-need-soil-grow</a></p> <p><b>Resources</b>  <i>Share point</i></p> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> <p><u>Year 7</u></p> <p><a href="https://thefuturetrust.sharepoint.com/sites/PK_Subjects_SC/Year%2007/Forms/AllItems.aspx?viewid=76a1e7fc%2D2008%2D4ccc%2D9d50%2Dec1d2fa443d3&amp;id=%2Fsites%2FPK%5FSubjects%5FSC%2FYear%2007%2F%28week%2012%29%20week%20beginning%2013th%20July">https://thefuturetrust.sharepoint.com/sites/PK_Subjects_SC/Year%2007/Forms/AllItems.aspx?viewid=76a1e7fc%2D2008%2D4ccc%2D9d50%2Dec1d2fa443d3&amp;id=%2Fsites%2FPK%5FSubjects%5FSC%2FYear%2007%2F%28week%2012%29%20week%20beginning%2013th%20July</a></p> </div> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> <p><u>Year 8</u></p> <p><a href="https://thefuturetrust.sharepoint.com/sites/PK_Subjects_SC/Year%2008/Forms/AllItems.aspx?viewid=15e0987c%2D6e49%2D4ee7%2D8046%2Da4a7610f2639&amp;id=%2Fsites%2FPK%5FSubjects%5FSC%2FYear%2008%2F%28week%2012%29%20week%20beginning%2013th%20July">https://thefuturetrust.sharepoint.com/sites/PK_Subjects_SC/Year%2008/Forms/AllItems.aspx?viewid=15e0987c%2D6e49%2D4ee7%2D8046%2Da4a7610f2639&amp;id=%2Fsites%2FPK%5FSubjects%5FSC%2FYear%2008%2F%28week%2012%29%20week%20beginning%2013th%20July</a></p> </div> <p><b>Bitmoji website</b></p> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> <p><b>Science Year 7</b></p> <p><a href="https://docs.google.com/presentation/d/1w08kmv7u5EmG7eXGduHPtO_WEW50VAezdavNRkFlsPU/present">https://docs.google.com/presentation/d/1w08kmv7u5EmG7eXGduHPtO_WEW50VAezdavNRkFlsPU/present</a></p> </div> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> <p><b>Science Year 8</b></p> <p><a href="https://docs.google.com/presentation/d/1QiltFHWtz_c2hoFP0WnZZvSeSs0bSCx8LWXwFbHkhw/present">https://docs.google.com/presentation/d/1QiltFHWtz_c2hoFP0WnZZvSeSs0bSCx8LWXwFbHkhw/present</a></p> </div>

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**Week 3** Date: *Monday 13<sup>th</sup> July 2020* Subject: *Science* Length of Topic: *4 weeks* Week: *4 of 4*