

Year 5 Home Learning Projects

Reading/Writing	Science	Geography	ART/D&T
<p>Keep reading and commenting in your reading record daily. Use the comment stems you have in your homework books. In your writing across all subjects, practise these skills:</p> <ul style="list-style-type: none"> <li>• planning and structuring your writing including use of paragraphs</li> <li>• cohesive phrases (co-ordinating and sub-ordinating conjunctions; adverbials; preposition phrases) to organise your writing in time and space</li> <li>• speech/dialogue punctuation</li> <li>• semi-colons to link independent clauses</li> <li>• commas for clarity of meaning</li> </ul>	<p>Investigate the effects of air or water resistance (e.g. aerodynamics of formula 1 cars, parachutes, sycamore seeds). Record your findings and explain what you learnt from the investigation.</p> <p>Investigate Galileo’s theory that objects of a similar size and shape will hit the ground at the same time no matter their mass.</p>	<p>Create a map of your local area. Can you use symbols and contour lines to make it more detailed? Are there any local landmarks and places of interest that need to be on it? AND/OR</p> <p>Create an itinerary or map for a journey from your house to a distant place of your choice. Remember to include all the different modes of transport you would need and departure/ arrival times.</p>	<p>Research the artist Peter Thorpe and create your own artwork inspired by his. For the more <b>abstract background</b>, research some photography of space. For the spacecraft in the <b>foreground</b>, you could look at poster artwork of rockets, particularly from the Art Deco and 1960s eras. Consider your tools – are you going to use paint, crayons or even pastels? Plan your work and evaluate it once you have finished it. You could even write a blurb for it. Key words: abstract, landscape, background, foreground</p>
Signed (Parent and child)	Signed (Parent and child)	Signed (Parent and child)	Signed (Parent and child)
<b>Maths</b>	<b>PSHCE</b>	<b>Computing</b>	<b>RE</b>

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<p>How much would it cost to go to Antarctica? (Or your destination of choice from your Geography task?) Remember to include the cost of transport, clothing and food you might need.</p>	<p>As we use more and more online tools, we need to make sure we are keeping safe.</p> <p>Create a poster or leaflet about keeping safe online for KS2 children. Consider how safe you are online and what dangers there are out there.</p> <p>Maybe you could include some official ratings of popular games, website and apps that children should not be using but do. What makes them unsafe?</p>	<p>Research a scientist or astronaut who has had a great influence on how we understand and explore space today.</p> <p>Remember it is a Computing focus so consider how you are carrying out your research, what is the most effective way? How are you going to record your findings?</p> <p>Please also log on to code.org and fill in any gaps on Course E.</p>	<p>Research paintings of the Last Supper, like this one by Leonardo da Vinci. Record your own thoughts about these images and your answers to these Qs:</p> <ul style="list-style-type: none"> <li>- What do the bread and wine in this story signify for Christians?</li> <li>-What might Christians think Jesus meant when he said, "Do this in memory of me?"</li> <li>-How do you think this is linked to the act of Holy Communion today?</li> </ul>
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### Websites to visit

[www.code.org](http://www.code.org)

[www.burnetnewsclub.com](http://www.burnetnewsclub.com)

<https://community.mathletics.com/signin>

<https://www.discoveryeducation.co.uk/>

<https://login.readiwriter.com/>

<https://www.bbc.co.uk/bitesize>

<https://nrich.maths.org/>

<http://classictales.educ.cam.ac.uk/>

[classroom.google.com](https://classroom.google.com)

## Extra DT Project!

Design your own space suit or space craft to take you up to space. Could you create it as a model or create a detailed illustration with labels.