Ideas for learning from home

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|  | Year 6 |
| Art and Design | Have a look at some of the work by William Morris and the repeating patterns he used in many of his designs. Have a look at <http://www.rnlcom.com/wp-content/uploads/2015/07/Pattern-To-Print-Guide.pdf> for some ideas e.g. sketching his designs, recreating some of his repeating patterns if you have paints at home, use different resources to experiment with different print making (e.g lego bricks).  Create artwork using natural resources. These don’t have to be stuck down, just use what you can find and arrange them to make an interesting image. You could look at the work by Andy Goldsworthy to inspire you. |
| Design and Technology | Look for interesting recipies to try with your children. Encourage them to follow the instructions themselves and measure the ingredients accuratey. You could research recipies used during WW2 or the Tudor times.  Design a marble run at home using whatever resources you can find (ask an adults permission before using anything). How long can you make the marble move continuously for? (If you don’t have marbles, any small ball will work!) Watch this video for inspiration <https://www.youtube.com/watch?v=6yJ_68VCXdQ> |
| English | Children should be completing their grammar revision book.  Reading every day is important. Children enjoy re-reading texts and it is important they have the opportunity to do this. Audible have provided hundreds of free audio stories for children to listen whilst schools are closed <https://stories.audible.com/start-listen>  Complete reading journal writing activities.  Find out the features of an autobiography (read some examples if you can!) I’d like you to begin to write your own recount of a memorable incident in your life. Before you start you will need to plan what it is you are going to write about. The easiest memories to write about are funny things that have happened!  Write a poem about your favourite history or geography topic or something you are passionate about e.g. football. You could write a haiku, acrostic, rhyming or free verse. These videos will help you to find out about each type before you write: <https://www.bbc.co.uk/bitesize/topics/z4mmn39>  To continue their knowledge of modern foreign languages, Dualingo is a free website that they can use to learn a variety of different languages: <https://www.duolingo.com/learn> |
| Geography | Find out about the compass rose, key, lines of longitude and latitude, scale, grid references on maps. Describe the purpose of each. Can you identify any of these features on a map, either in an atlas or a digital map?  Can you find out the symbols that are used on ordinance survey maps? Draw and label some of these in your exercise book. Have a look at a map of your local area and see how many you can identify: <https://www.walkingclub.org.uk/maps/os/explorer/182-st-albans-hatfield>  Can you use a map to plan routes to different places that you have visited (e.g. a family members house).  Find out about deforestation in the Amazon Rainforest. What are the reasons for and against it?  <https://www.natgeokids.com/uk/> is a great website for fun facts, games, activites and quizzes. |
| History | Create a timeline of the key events from WW2 or from the Tudor period.  Compare how life was different for the rich and poor during the Tudor period. <http://www.bbc.co.uk/learningzone/clips/rich-and-poor-in-tudor-times-audio/9526.html> (Video Number 3)  Mini topics to research: Clothes, education, games, food, sports, health and hygiene, living conditions, work.  Create a comic strip retelling the Battle of Bosworth.  Research the role of civilian women in WW2. What was conscription? What were their duties? |
| ICT and Computing | Use a camera to take pictures of things you do at home either in a day or over the course of a week. Have a go at some photo editing apps e.g. piccollage (free) to create a collage of your pictures or explore the different editing features that are avaible on your tablet/computer/camera/phone.  Improve your typing skills, either on Purple Mash Computing – 2Type. Or simply use a keyboard to type a letter or email to a friend or relative you want to keep in touch with or some of your home learning activities e.g. reading journal activities. |
| Mathematics | Complete Maths revision books – children should work their way through the book until they have finished it (they might not be able to do topics they haven’t learnt in school yet e.g. ratio, so they should just leave these sections). The answers are at the back for the children to mark themselves.  Play card games with your children that require strategy and mathematical thinking, e.g. patience or pontoon.  Here are some other ideas of maths games to play at home on the Herts Essentials Maths youtube: <https://www.youtube.com/channel/UCsMwexWt3xUZYI0Gjj6jgqQ>  The children thouroughly enjoy playing countdown in class with me, which enables them to challenge themselves to explore using all four mathematic operations <https://nrich.maths.org/6499>.  White rose maths has weekly online video lessons with activities for children to complete. <https://whiterosemaths.com/homelearning/year-6/> |
| Science | As we were unable to visit Kew Gardens this term as we had planned, you can visit Kew Gardens virtually and see what we would have seen on our trip. <https://www.kew.org/about-us/virtual-kew-wakehurst>  Kew Gardens have also provided a ‘Learning at home’ section where there are lots of interesting activity ideas for you to choose from at home. <https://www.kew.org/learning/learning-at-home>  Investigate Issac Newtons colour wheel. Cut a round piece of paper and draw 8 equal segments, colouring each one with in the order of the rainbow (leave the last one white). Put a pencil in the middle (or anything similar) using blu-tack or plasticine. Spin the wheel as fast as possible between your hands – what colour do you see?  Find out about how humans have evolved. Present your findings in an interesting way.  Find out about the main types of microorganisms (bactiera, viruses and fungi) there are and create a fact-file about each one. <https://www.bbc.co.uk/bitesize/topics/zfxxsbk> |
| Music | Have a look at BBC Ten-Pieces. This is a wonderful website where you can explore and learn about different classical pieces of music and even ones that have been used in popular films and TV shows that you may have seen (e.g. Dr Who).  <https://www.bbc.co.uk/teach/ten-pieces> |
| PSHE | As the children are preparing for secondary school, it is essential the children are aware of how to manage money. <https://natwest.mymoneysense.com/home/> has some helpful resources and games to explore.  This is really important at this time. BBC bite size has lots of useful resources for this area of the curriculum. **Parents will need to check the content before letting their children view materials**. This area of the curriculum always sparks discussion! <https://www.bbc.co.uk/bitesize/subjects/zmpfb9q> |
| Physical Education | Make up your own circuit in your home or garden. Complete each challenge for 1 minute and keep a record of your score. See if you can beat it the next day.  #ThisIsPE has lots of 2 minute videos showing you how children can still develop their PE skills at home without needing any equipment that you wouldn’t have at home. <https://www.youtube.com/playlist?list=PLYGRaluWWTojV3An2WEgsQ4qGFy_91jDL> |