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| **Suggested year group** | **Good morning, all!****Here are today’s tasks, activities and challenges. I will suggest some geography activities today.** **Again, the wider curriculum activities will be a little shorter in length this week to give time for the pupils to carry on with any optional presentations started on Friday. The details for these are given below.** **Today I will suggest a few project ideas for the different wider curriculum topics, as I am aware that some children like the idea of exploring the topics through an ongoing project.** **Please remember, these tasks are merely suggestions and NOT compulsory. We do not expect every activity to be done, but want you to have as many options as possible. If your children are responding particularly well to any of the resources on offer, then feel free to explore similar resources across the suggested websites or continue with the work set by the class teacher.** **Many thanks for your support at this time.** **Katy Kent** |
|  | **A reminder of the ongoing presentation project set on Friday 19th June:**For the **KS1** pupils, it would be great if they could create a short video (one or two minutes long) in which they read, show or talk about their work to an imagined audience who might watch the video and learn from it. The pupils can choose anything to present: art work, Lego models, writing, toy collections, pets. Try to speak clearly and in detail, KS1!I would very much like to see some of the presentations.For **KS2** pupils, it would be great if they could create a PowerPoint presentation for an imagined audience. The pupils can choose anything as the subject of their presentation. It could of course be about one of their current wider curriculum topics (as listed at the top of previous home learning task sheets), or it could be about any topic of their choosing: football, martial arts, nail art, High School Musical (my daughter!), pets, chocolate – anything! When finished, the pupils could be encouraged to share the presentation with another family member, reading it themselves in a clear, confident and engaging voice.  |
| **Reception** | **Maths – lesson 3 of 5**<https://classroom.thenational.academy/lessons/finding-3d-shapes-in-the-environment> In this lesson, we will learn the names of simple 3D shapes. Can you find any out and about or in your home?**Maths Warm Up**<https://www.bbc.co.uk/cbeebies/puzzles/numberblocks-number-magic-quiz-level-2?collection=numbers-and-letters> Play this quiz and pick the correct answer for each of the Numberblocks.**English – lesson 3 of 5**<https://classroom.thenational.academy/lessons/jack-and-the-beanstalk-story-map> In this lesson, we will draw a story map to help us remember the key parts of Jack and The Beanstalk. |
| **Year 1** | **Maths – lesson 3 of 10**<https://classroom.thenational.academy/lessons/to-measure-lengths-using-non-standard-units-f0f142> In today’s lesson we will be exploring measuring a range of household objects using non-standard units such as pencils, paper clips or Lego bricks.**Maths Warm Up**<https://www.topmarks.co.uk/maths-games/hit-the-button> This is a really useful resource for all things number and arithmetic-related. How many correct answers can you get in the time? Click the ‘number bonds’ option and choose the appropriate level for your child. Feel free to explore the rest of the game’s options. **English – lesson 3 of 5**<https://classroom.thenational.academy/lessons/to-understand-how-to-identify-and-write-questions> Today we are going to be learning all about questions. We will be identifying question and then practising writing them ourselves. **Wider Curriculum – Geography –On the Beach**<https://www.youtube.com/watch?v=6qO0mu6YJW8> This is an engaging and informative video which contains great information about the seaside, tourism, employment, leisure and water safety. Hopefully your children will be entertained and informed by it! |
| **Year 2** | **Maths – lesson 3 of 7**<https://classroom.thenational.academy/lessons/to-recognise-lines-of-symmetry-within-2-d-shapes> Today, we will be discussing what symmetry is. We will identify lines of symmetry within shapes.**Maths Warm Up**<https://www.topmarks.co.uk/maths-games/hit-the-button> This is a very useful and large resource to encourage the pupils to increase their speed when recalling times tables, division facts, number bonds and (something that quite a few pupils find tricky) doubles and halves. The children should aim to get quicker every time they play. Try to improve your score from yesterday, or try a different Hit the Button challenge. **English – lesson 3 of 5**<https://classroom.thenational.academy/lessons/to-identify-the-key-features-of-a-character-description>In this lesson, we will be identifying the key features of a character description.Parents, I know that this is a rather challenging text for some Year 2 pupils, so feel free to try the Year 1 tasks for this week or I will give alternative BBC Bitesize tasks each day:<https://www.bbc.co.uk/bitesize/articles/zd63gwx> Using the book *Cyril and Pat* you will learn about answering questions using the text, inferring what characters might say to each other and explaining what words mean.**Wider Curriculum – Geography – On the Beach** <https://www.youtube.com/watch?v=6qO0mu6YJW8> This is an engaging and informative video which contains great information about the seaside, tourism, employment, leisure and water safety. Hopefully your children will be entertained and informed by it! |
| **Year 3** | **Maths – lesson 3 of 5**<https://classroom.thenational.academy/lessons/to-recognise-right-angles> In this lesson, we will be building on your angles learning and focusing specifically on right angles. We will explore these on their own, in shapes and in everyday objects.**Maths Warm Up**<https://www.bbc.co.uk/teach/supermovers/ks2-maths-the-8-times-table-with-filbert-fox/z4mrhbk> Leicester mascot, Filbert Fox has a song and movement routine to help you learn the 8 times table.**English – lesson 3 of 5**<https://classroom.thenational.academy/lessons/poetry-identifying-the-features-of-a-text> In this lesson, we are going to explore the features of a poem.**Wider Curriculum – Geography – What a Disaster! - Tsunamis**<https://www.youtube.com/watch?v=64FxBgv0n2o> – There is useful information here about tsunamis.<https://www.bbc.co.uk/newsround/35464696> - Here is an account of a tsunami in Japan.<https://www.bbc.co.uk/newsround/45996556> - This is a short guide to how tsunamis occur.  |
| **Year 4** | **Maths – lesson 3 of 5**<https://classroom.thenational.academy/lessons/shape-and-symmetry-to-identify-acute-and-obtuse-angles> In this lesson, you will recap on the names of different types of angles. We will be looking specifically at acute and obtuse angles today and exploring where they can be found.**Maths Warm Up**<https://www.bbc.co.uk/teach/supermovers/ks2-maths-the-12-times-table-with-chirpy-cockerel/z7v7rj6> Tottenham Hotspur mascot, Chirpy Cockerel has a song and movement routine to help you learn the 12 times table.**English – lesson 3 of 5**<https://classroom.thenational.academy/lessons/features-of-poetry> In this lesson we are going to explore the features of poetry.**Wider Curriculum – Geography – What a Disaster! - Tsunamis**<https://www.youtube.com/watch?v=64FxBgv0n2o> – There is useful information here about tsunamis.<https://www.bbc.co.uk/newsround/35464696> - Here is an account of a tsunami in Japan.<https://www.bbc.co.uk/newsround/45996556> - This is a short guide to how tsunamis occur. |
| **Year 5** | **Maths – lesson 3 of 10**<https://classroom.thenational.academy/lessons/decimals-to-derive-addition-and-subtract-decimal-facts> In this lesson on decimals, we will be focusing on adding and subtracting decimals using known facts. We will end the lesson by playing a game!**Maths Warm Up**<https://www.topmarks.co.uk/maths-games/subtraction-grids> This will help improve you mental subtraction speed. Choose the appropriate difficulty level for you. You could even try decimals! **English – lesson 3 of 5**<https://classroom.thenational.academy/lessons/persuasive-letter-identifying-the-features-of-a-text> In this lesson, we are going to explore the features of a persuasive letter.**Wider Curriculum – Geography – Climate Zones and Time Zones**<https://www.bbc.co.uk/bitesize/topics/zvsfr82/articles/zjk46v4> This is a guide and a quiz all about time zones. |
| **Year 6** | **Maths – lesson 3 of 10**<https://classroom.thenational.academy/lessons/finding-equivalent-fractions> In today’s lesson we will be explore the relationship between the numerator and denominator (between and within fractions), find factors and reason about simplifying fractions.**Maths Warm Up**<https://mathsframe.co.uk/en/resources/resource/37/placing_numbers_on_a_number_line> This is a good activity for visualising and estimating numbers. Make the number line as difficult as you can! **English – lesson 3 of 5**<https://classroom.thenational.academy/lessons/letter-of-complaint-identifying-the-features> During this session, we will read an example letter of complaint and identify key structural and grammatical features.**Wider Curriculum – Geography – Climate Zones and Time Zones**<https://www.bbc.co.uk/bitesize/topics/zvsfr82/articles/zjk46v4> This is a guide and a quiz all about time zones. |
| **Extra Tricky Maths Challenges! These are all position and direction activities.** **Years 1 and 2 -** <https://nrich.maths.org/5656>A fun way to introduce ‘turning’ in maths (angles). **Years 3 and 4** - <https://nrich.maths.org/6288> You will get better at this game the more you play it. How quickly can you find the treasure? **Years 5 and 6** - <https://nrich.maths.org/5038> Mr P found this one surprisingly difficult. Can you do it?  |
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| **Project Ideas for the Wider Curriculum (more ideas to follow):****Years 1 and 2:****Science – Plants*** plant seeds in a pot or garden (sunflower) and keep a picture or photo diary of how they grow;
* plant a bulb in a jar and observe root growth;
* using this spotter sheet ([file://dmc-3008-01/users$/Documents/Staff/jpurshouse/Downloads/June\_spotters\_sheet2015.pdf](file:///%5C%5Cdmc-3008-01%5Cusers%24%5CDocuments%5CStaff%5Cjpurshouse%5CDownloads%5CJune_spotters_sheet2015.pdf)), see how many of each type of plant you can spot on a walk near your home.

**Geography – On the Beach*** make sea water at home.

Add 35 grams of salt to a beaker, and then add tap water until the total mass is 1,000 grams, stirring until the salt is completely dissolved in the water. Tap water often contains lots of natural minerals found in seawater, such as magnesium and calcium. What does it taste like? Does it look or smell any different from fresh water? Do things float or sink differently in it? Can you use stones or rocks from your garden to make a rock pool?**Years 3 and 4:****Science – Plants*** see if you like any of the Years 1 and 2 projects;
* plant seeds (pumpkin seeds are good, as they grow quickly) in four separate containers at the same time and expose them to different conditions:
1. Do not water this plant;
2. Place this plant in a dark place, water it;
3. Place this plant in a sunny but cold place, water it;
4. Place this plant in a sunny, warm place, water it.

**How do the different conditions affect the plant’s growth?****Geography – What a disaster! (natural disasters)*** Follow these instructions (<https://www.learning4kids.net/2012/04/11/how-to-make-a-homemade-volcano/> ) to make a working model of a volcano;
* Create an instructional poster explaining what to do in the event of an earthquake. There are some good tips here: <https://www.youtube.com/watch?v=d08QUmxzdKU>

**Years 5 and 6:****Science – Electricity** * Create an inventory (item list) for your house. How many switches are there? How many bulbs? How many plug sockets? How many electrical appliances? How many appliances that require batteries? How many of these are switched ‘on’ at the time of your inventory? Check at different times during the day. At what time are most ‘on’? At what time are the fewest number ‘on’?
* Use the ‘energy calculator’ on this website to calculate how much money some of your appliances are costing you: <https://www.sust-it.net/energy-calculator.php>. Can you create a plan for how to save money for your house? Think about how much you could save per week, or per year.

**Geography –Climate Zones (and time zones)*** <https://www.timeanddate.com/time/map/#!cities=179> – Use this time zone map to help you create a world time snapshot (on paper or using Microsoft Word or Powerpoint) showing what different people in different countries might be doing when you sit down to lunch in the UK at 12:00pm.
* Select one (or all) of the climate zones (biomes) and create a guide to where in the world they are, what conditions are found there and what life is there.

Remember, the main zones are: rainforests, deserts, savannah, woodlands, grasslands, tundra .Watch this again to help you: <https://www.bbc.co.uk/bitesize/topics/z849q6f/articles/zvsp92p> |