



Year 4

Remote Learning Week 18

Maths

If you would like to keep learning and practising maths over the summer, then you can find online lessons on a range of topics here. We think that the Oak Academy is an excellent resource for any child looking to extend their own learning. Click the image below to go to their site.



English

As well as the Oak Academy, we recommend BBC Bitesize for a range of writing and grammar activities to help you to brush up on skills. Click the image below to go to the Bitesize site.



Study a Specimen!

In this activity we are going to investigate a specimen.

A specimen is an object from nature that we can learn from. It could be anything from a leaf collected on a walk to the spider hanging around the bathroom. Choose something that interests you but be careful not to disturb any living animals. Be patient and watch quietly from a distance.



Draw what you can see, and describe it using as many adjectives as you can. Try to be precise by taking measurements - how much does it weigh, how long is it? You can record it on the attached recording sheet which can be printed at home.

- Why did you choose this specimen?
- How does it look and feel?
- What patterns, colours, and textures do you notice?
- Have you seen anything like this before?
- What questions do you have about your specimen?

Make a Straw Plane!

You will need: a paper straw, 2 strips of paper, tape

Step-by-step guide to making a flying triangle:

1. Cut out a paper strip 2.5cm x 20cm.
2. Cut out another paper strip 2.5cm x 12cm.
3. Fold the longer strip into a triangle with equal sides and secure with sticky tape.
4. Make a circle with the shorter strip and secure with tape.
5. Now fix the triangle onto one end of the straw, and the circle onto the other.
6. Your flying machine is ready to throw

Try creating some more straw planes in different shapes - try changing the shape of the smaller loop or changing the length of the straw. Remember to change one variable at a time and record your results like a real scientist!



Migration, Immigration and Us

An immigrant is a person who moves from one country (usually their home country) to live in another. They bring with them a wealth of experiences and culture that enrich our country. Watch this video to learn more: <https://bbc.in/31Z022D>

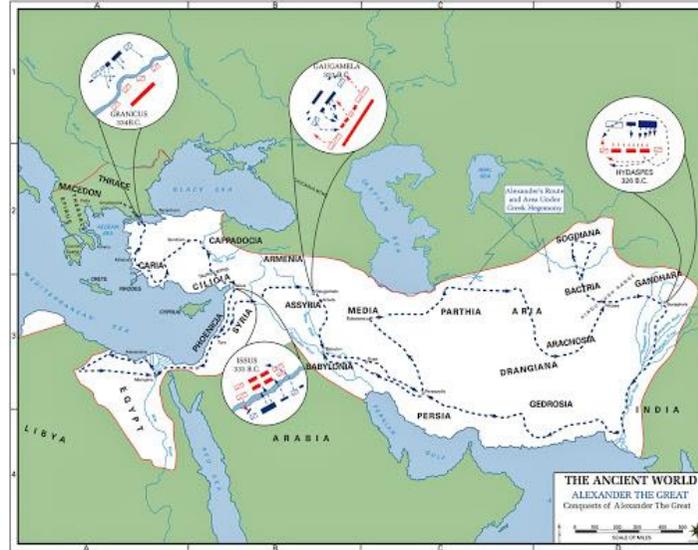


The video mentions immigration from three different places that people moved from to the United Kingdom (West Indies, India/Pakistan and Eastern Europe). What positive impact do you think people moving from those countries have had on our own country? What parts of their culture do you think they brought with them?

The reasons people leave a place are called **"Push Factors"** and the reason they choose a certain place to live are called **"Pull Factors."** Complete the Immigration Push/Pull sheet by writing a diary entry.

Alexander and his Conquests

Alexander the Great wouldn't have been as 'great' if he hadn't conquered countries around Greece to form one of the largest empires the world has seen.



Alexander used the same system of fighting as the Ancient Greeks, with the hoplite soldier and the phalanx being the core of his army. Watch this video about his most famous victory, the battle of Gaugamela.

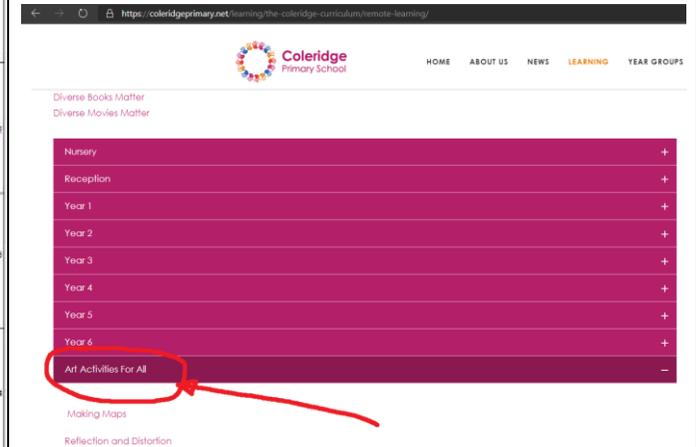
<https://www.youtube.com/watch?v=vY3z3yh7a24>

See [this website](#) to research the life of Alexander the Great and fill in the blanks on the map provided. Try and add more detail by researching the events on the internet.

Art for All

The Year 4 team have really enjoyed all the art projects you have been sending us by email.

On the Coleridge Website there is a whole section dedicated to art.



Ms Munro and Ms Richert have put together lots of activities for you to try out over the summer.

You can find it at the bottom of the remote learning page. Take a photo to show us and your new teacher in September!

Adding the Warhol effect

Andy Warhol was a very famous American artist that founded an artistic movement called "Pop Art" during the 1960's. His works often included prints of famous brands or people recoloured with gaudy colours.



Recreating this kind of effect using modern technology is much easier than it was when Warhol was using silk printing techniques, but we want you to try and make your own.

Pick a notable item, brand logo or person (you could draw yourself). Draw it on a piece of paper and pick out the main areas on the picture (on the example above, Marilyn Monroe's hair, lips, eyeshadow and skin are all different colours. Add a contrasting or matching background colour, but remember, the colours have to POP!

Going Dotty!

Another famous Pop artist (and one of Mr Goddard's personal favourites) is Roy Lichtenstein. His most expensive painting titled "Masterpiece" sold for \$165 million in January 2017!



Try and create your own Lichtenstein painting. First you will need to find a photo as inspiration. Draw the photo, but try to keep the details as simple as possible. When you colour it in, try to use a technique called Ben Day Dots, which you can see in the image above. This is a way of colouring in a lighter shade by using dots in an area instead of a solid colour.

Creating with nature.

Your final art challenge is inspired by the artist Andy Goldsworthy.



Goldsworthy uses imperfect objects from nature to create perfect shapes. You can see above that he uses leaves, stones, and sticks to create amazing effects.

Make your own Goldsworthy style image. You could go out into your garden, a park or the parkland walk, and gather similar objects like stones or leaves. Then arrange them to make an unnatural shape.

If you can't go outside, try using something from inside your house, like pencils and pens or food from the fridge (ask your parents first!).

50 Things to do this summer

www.spreadthehappiness.co.uk



2020

1. Pick a family anthem for the summer, play it everyday
2. Make pom pom bunting
3. Make a Native America Headdress and have a pow-wow
4. Learn a few words each day from a new language - Try the Duolingo app
5. Make a hobby horse and have races
6. Have a sing song around a campfire (real or pretend)
7. Make a fan from paper
8. Make a postcard (sealed envelope) and send to a friend or relative
9. Do a town /area trail
10. Have a pizza and pasta night



11. Watch a black and white movie with popcorn
12. Have a 50/60/70 s Day (Digital Detox)
13. Make homemade ice-cream - Mary Berry has a non-churn one
14. Make pancakes with different toppings
15. Design and make wrapping paper
16. Do potato/fruit prints
17. Make a pirate ship out of a large box
18. Make a puppet theatre and puppets from card on sticks
19. Do a puppet show with ice creams for the audience
20. Play pin the tail on the donkey



21. Have a session not talking but communicating by gestures
22. Do some laughter yoga - Click here for our website or Robert Rivest - Click here for a link
23. Make playing card towers, who can build the highest?
24. Paint a t-shirt
25. Make an analogue clock
26. Make a sock/tights snake
27. Have a country of your choice holiday day
28. Make treats for a homeless hostel or care home
29. Have a bake sale for a charity
30. Go to a charity shop and find a game to play



41. Make stick wigwams for toys (or even try bigger!)
42. Build mud sculptures
43. Be astronomers and lay under the stars, try and identify some of the constellations
44. Make silhouette pictures
45. Make a shadow clock
46. Have an afternoon tea party with home-made scones, sandwiches and cake. Invite neighbours
47. Do some flower pressing. You can use these later in the year to make cards/pictures
48. Design your own Hokey Cokey type dance routine and dance around the house, garden together
49. Play leap frog
50. Have an end of summer party reviewing all the things you have done and record in some way



31. Play the traffic light game - Click here for link to activity
32. Have a pillow fight
33. Make magic potions with food colouring, water and shaving foam
34. Make a car/vehicle from a large box
35. Play What's the Time Mr Wolf
36. Learn old traditional songs like Lavenders Blue, Waltz in Matilda, See Spread The Happiness TV YouTube
37. Make a paper windmill
38. Learn to play movement games like 'In and Out the Dusty Bluebells', 'Oranges and Lemons'
39. Make your own art gallery
40. Visit a zoo/wildlife park/animal sanctuary



Find links at www.spreadthehappiness.com