Hello from school

We have been really impressed with the number of children accessing remote learning and the quality of work they have been producing at home. Even if the children are using paper packs, the live sessions a great opportunity for them to catch up with their teachers and TA’s.

Many thanks to parents and carers for their continued support.

Please remember to keep emailing us with work, photos and suggested values nominations.

Please use admin2@nailsworth.gloucs.sch.uk to send your emails too.

You will see over the page lots of photos that we have received this week of home learning.

A reminder to those parents dropping off and collecting in school at the moment to please wear a face covering.

Young Voices

Some of you may already be aware that the Young Voices Big Sing, which was due to go ahead on Feb 2nd, has been cancelled due to the new lockdown restrictions. The Young Voices team are looking to rearrange it for later in the year. The main concert in June has not changed but we will keep you updated as we get more information. In the meantime, keep listening to the cd, logging on to the website, learning the dance moves and keep your fingers crossed that we will all be together singing soon.

From Mrs Wingfield, Mrs Ostle & Ms Hynes.

Science experiments

Please see attached examples of Science activities that the children can take part in at home. We’d love to see how they get on so send photos to admin2@nailsworth.gloucs.sch.uk.

Paper packs

Paper work packs need to be returned this Friday for marking and new packs will be available on Friday. These packs will contain two weeks worth of work.

BBC learning

While primary and secondary schools are closed to most pupils, the BBC is broadcasting lessons and programmes on BBC Two and CBBC - as well as on iPlayer, with extra content online. The curriculum-based TV programmes will run alongside the BBC Bitesize collection of educational resources, which will continue to provide online learning at home for pupils in Years 1 to 9, and those studying for GCSEs and Nationals. Please visit BBC Bitesize for more information.

Remote learning

Thank you to all parents/carers for the work that they are doing for children learning at home.

As you may have already heard, the Department of Education are asking that all teachers keep a daily register of children who are accessing remote learning. Even if your child is learning using a paper pack, it is important that they join their teacher for any live catch up sessions that are timetabled. That way, we will be able to identify who is engaging with the learning we are providing. You should have received timetables from your child’s class teacher detailing when the live sessions are taking place. If you encounter any problems in using Teams, please get in touch so that we can help.

Menus

Please find attached some new menus for during lockdown. Those children who are entitled to Free School Meals can order their lunch by 9.30am and collect it from the kitchen window at 12pm.

Please call the school office on 01453 832382 to order.
Reception
In reception this week, we have been learning all about a stegosaurus! We learnt that they are 9 meters long. We counted that out in the classroom and it was nearly as long as our room! We have been writing describing words and different facts about the stegosaurus before we put these words into sentences. We have been learning to always use a capital letter at the start of our sentences and finish with a full stop. We have also been having fun dancing and moving around like different dinosaurs. We have been enjoying our live teams phonics session where the children join in with us at home!

Year 1
We are enjoying our topic about the Queen. We have learned about the organic vegetables grown by Prince Charles at Highgrove and we are in the middle of writing to the Queen. Well done children at school and home for persevering with your school work.

Year 2
Yesterday we travelled back in time and chose our favourite toy from the Victorian times.
I chose the dolls house, because you can play with your dolls in it. By Penny.
We have been working hard in our Maths with adding and subtracting. By Theo.

Year 3
This week, we have been learning about inverted commas. They are also called Speech Marks! We have been exploring the Stone Age and have started reading ‘Stig of the dump’ all together on Teams. We have been doing some Stone Age crafts—check it out!

Year 4
I have really enjoyed finding rhyming words and writing some funny rhyming sentences, so much fun! By Isla.
I have loved writing a story. In English I managed to write loads and will carry on writing at home! By Chloe.

Year 5
Year 5 have been making Paper Mache planets as part of our space topic. We have continued our topic of Chinese New Year. This week we are writing fact files about the festival and have made a cartoon strip about the legend ‘the great race’. We’ve started our Maths topic of fractions—working on mixed numbers and improper fractions.

Year 6
We’ve been writing Haikus on climate change and learning specific details and factors that create climate change, such as greenhouse gases. In Maths, we’ve revisited fractions by + and –. We’ve looked at photos demonstrating the impact of climate change on humans and animals, and this helped us understand the impact on Earth—even thought some people (Trump!) don’t believe it is real.

Xbox & PlayStation
Attached are details of how children can access remote learning via their Xbox and PlayStation.

We received this lovely photo of Dancer and Blitzen who visited us in December, enjoying the recent snow.
Ruby May (YR4) copied a piece of Wassillie Kandinkskys artwork using pencils.

Dotty May (YR2) has been learning where all of our bones are in our bodies!

Sakib working hard at home.

Michael’s wonderful creation.

Leo in Reception has been doing some wonderful puzzles and counting.

Hanxi’s Stone age topic work.

Zhiyuan and the T-Rex’s.

Bingxi’s wonderful Solar system & Chinese dragon!

Naeem has been chopping and peeling vegetables so he can make vegetable soup to sell in his shop.

Ave-Rose working hard with her work pack.

Sari’s Stone Age topic poster.
Accessing remote learning via Xbox and PlayStation

Below are a set of instructions on how to access remote learning via Xbox and PlayStation.

Here is a YouTube video with step-by-step guidance too: https://www.youtube.com/watch?v=yTQSxqdhmY

Xbox

1. Plug a keyboard in to the Xbox USB slot
2. Go in to my games and apps
3. Find Microsoft Edge and select
4. Type in: Microsoft Teams
5. Click sign-in and log-in using your school email address and password
6. You can then access your work and use key packages including: Word, Teams, Excel and PowerPoint
7. To move around you use the Xbox control or plug in a mouse

PlayStation

1. Identify the PlayStation internet browser icon (it is WWW with dots around it)
2. Press the PlayStation logo on the controller
3. Go to the library and find options for games and applications
4. Go in to applications and you will find the internet browser
5. Type in: Microsoft Teams
6. Click sign-in and log-in using your school email address and password
7. You can then access your work and use key packages including: Word, Teams, Excel and PowerPoint
8. To move around, you use the Xbox control or plug in a mouse
<table>
<thead>
<tr>
<th>WEEKS</th>
<th>MONDAY</th>
<th>TUESDAY</th>
<th>WEDNESDAY</th>
<th>THURSDAY</th>
<th>FRIDAY</th>
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<tbody>
<tr>
<td></td>
<td>MAIN(V) Creamy Macaroni Pasta With Peas Optional Cheese Δ</td>
<td></td>
<td>MAIN(V) Cheese &amp; Tomato Pizza Slice With Side veggies Δ</td>
<td>MAIN(V) Chicken or Quorn(V) Curry With Rice &amp; pitta</td>
<td>MAIN(V) Pork or Vegan(V) Hot Dog Buns With Oven Roast Chips Ketchup &amp; Mustard Available</td>
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<tr>
<td></td>
<td>MAIN(V) Baked Potato With Beans(V) Or Beef Bolognese, Optional Cheese Δ</td>
<td></td>
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<td>MAIN(V)</td>
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<td></td>
<td>DESSERT Cookie/Cake *</td>
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WATER AND A SELECTION OF FRESH FRUIT & VEGETABLES ARE ALSO AVAILABLE DAILY

FOR ALLERGIES OR QUERIES, PLEASE CONTACT COLOURFULCATERING@GMAIL.COM

WEEK 2 beginning:

1st Jan 25th Jan 8th Feb

Colourful Catering
<table>
<thead>
<tr>
<th>Days</th>
<th>Main Meal</th>
<th>Dessert</th>
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<tbody>
<tr>
<td>Monday</td>
<td>Pasta With Tomato Sauce &amp; FCR veggie plant balls, Optional Cheese (FCRs Burger Contains Butternut Squash)</td>
<td>Cookie/Cake</td>
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<td></td>
<td>MAIN (V)</td>
<td>Vegan</td>
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<tr>
<td>Tuesday</td>
<td>Baked Potato With Beans (V)</td>
<td>Cookie/Cake</td>
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<td></td>
<td>MAIN (V)</td>
<td>Vegan</td>
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<tr>
<td>Wednesday</td>
<td>KFC Style Chicken Drumstick Or Veggie Pasta (V) With Tomato Sauce *Δ</td>
<td>Cookie/Cake</td>
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<td>MAIN (V)</td>
<td>Vegan</td>
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<tr>
<td>Thursday</td>
<td>Beef or FCR Vegan (V) Burger bun, With Oven Roast Chips Ketchup &amp; Mayo Available (FCRs Burger Contains Butternut Squash)</td>
<td>*Δ</td>
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<tr>
<td></td>
<td>MAIN (V)</td>
<td>Vegan</td>
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<tr>
<td>Friday</td>
<td>MAIN (V)</td>
<td>Cookie/Cake</td>
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<td>Vegan</td>
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WATER AND A SELECTION OF FRESH FRUIT & VEGETABLES ARE ALSO AVAILABLE DAILY

* Δ CONTAINS WHAT? (V) VEGETARIAN / (G) CONTAINS EGG / A CONTAINS DAIRY

For allergies or queries please contact: colourfulcatering@gmail.com

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WEEKS

Week beginning: 18th Jan 1st Feb
Science: Enquiry Type - Pattern Seeking

Question

Is there a link between the length of your outstretched arms and your height?

Take measurements of the people in your house to try and answer the question above. You might measure in centimeters or in the number of pencils long. Once you have measured someone's outstretched arms and their height, compare the measurements.

How about other body parts? eg. Foot length and height, Foot and forearm, Hand and Leg length etc.

<table>
<thead>
<tr>
<th>Question</th>
<th>Predict</th>
<th>Observe</th>
<th>Record</th>
<th>Analyse</th>
<th>Report</th>
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</table>

Younger Children

Create a poster that explains what you found out. Can you include in your poster: your equipment, what was easy and hard to carry out, your result.

Older Children

Write a report of your investigation showing your question, hypothesis, method, results.

When analysing your results, was your hypothesis correct? How could you have improved the investigation? What other investigations could you carry out?

Challenge

Draw a graph to show your results

![Graphs](© ElizabethGold)

About this type of Scientific Enquiry

One of the main types of enquiry that scientists carry out is Pattern Seeking. This is when scientists make observations and measurements and then try to see if there are any patterns or ways to link what they observe.

Astronomers use pattern seeking to discover new planets and celestial objects.

Sport scientists use pattern seeking to help improve athletes' performance.
Science: Enquiry Type - Fair Test

Question

How can you change a paper spinner to make it accurately hit a target?

Carry out a fair test to explore what makes the spinner fall most accurately. Make a paper spinner and drop it from a height above the target. Does it land in the centre every time? Make sure to only change one thing at a time so that you can say what improved the spinner. Eg. The height dropped, number of wings, number of paperclips, size of paper, type of spinner.

1. Cut an A4 piece of paper into 3 equal rectangles
2. Cut and fold rectangle as shown below: Fold along dotted lines; cut solid lines
3. Attach a small amount of mass to the bottom of your spinner eg. paper clip or blue-tac
4. Draw a target zone on another piece of paper or place a target on the floor.
5. Drop the spinner above the target and watch where it falls.

Predict

Observe

Record

Analyse

Report

Younger Children

Create a poster that explains what you found out. Can you include in your poster: your equipment, what was easy and hard to carry out, your result.

Challenge

Imagine you are trying to advertise the spinner. Create a leaflet on how to make the best spinner making sure you use the evidence you have recorded to support your claim that it is the best type of spinner.

© ElizabethGold

Older Children

Write a report of your investigation showing your question, hypothesis, method, results.

When analysing your results, was your hypothesis correct? How could you have improved the investigation? What other investigations could you carry out?

About this type of Scientific Enquiry

A fair test is when scientists look at all the different things (variables) that could affect the result. Then only change one of them to see if it affects the outcome. By only changing one variable, scientists are able to confidently say that that caused the result. Eg. If they changed the number of wings and the mass of the spinner they would not know if it was the mass or the number of wings that changed their result.

Fair testing is used to develop new medicines.
### Science: Enquiry Type - Identifying and Classifying

#### Question

How can you identify objects in your house?

Select at least 10-15 random objects in your house. Consider how they are similar and how they are different to each other.

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<table>
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<th>Younger Children</th>
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<tbody>
<tr>
<td>Draw the selected objects into groups based on what they have in common. Eg. Size, colour, shape,</td>
<td>Create a classification key to identify your selected objects. Eg:</td>
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</table>

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Research Carl Linneaus who created the system of taxonomy, which is how we classify living things. <a href="https://www.linnean.org/learning/who-was-linneaus">https://www.linnean.org/learning/who-was-linneaus</a> <a href="https://www.bbc.co.uk/teach/class-clips-video/science-ks2-the-work-of-carl-linneaus/zhnjf4j">https://www.bbc.co.uk/teach/class-clips-video/science-ks2-the-work-of-carl-linneaus/zhnjf4j</a></td>
<td>Identifying and classifying is how we can make sense and order of the world around us. This enquiry type requires using observation and reasoning skills. Examples of classifying include how we classify animals, plants and foods. Identifying and classifying is used by scientists to help learn about the natural world and therefore assist in conservation projects. You can often help scientists to identify and classify using websites such as Zooniverse.org</td>
</tr>
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</table>

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Science: Enquiry Type - Observation over Time

**Question**

How does a shadow change over time?

Shadows change due to the Earth rotating on its axis. Attach a thin object to your window, e.g. a pen, ruler or opaque tape. Place a piece of white paper on the windowsill directly below the object. Make sure the object is in the centre of the page. A shadow should appear on your paper. Draw around the shadow and label it with the time. Check on the shadow every hour or half hour throughout the day, each time drawing and labelling the shadow.

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<tr>
<td>Look at the shadows that you have drawn. When was the shadow longest? When was it shortest? Create a labeled drawing showing how you set up your experiment.</td>
<td>Use your observations to make a sundial. What distance is there between each hour? Is each hour the same distance apart? Would your clock work if it were used in a different country e.g. Australia, South Africa, Algeria?</td>
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<tr>
<td>Can you make a shadow puppet theatre?</td>
<td>Observation over time enquiries help us to identify and measure events and changes in the natural world as well as physical processes. This enquiry type requires using observation, reasoning and analysis skills. Jane Goodall used observation over time to research how chimpanzees behave. NASA carried out a 'Year in Space' experiment to find out the effect of gravity on humans. Since 1840 a bell has been ringing at Oxford University to test its battery duration.</td>
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## Science: Enquiry Type - Research

### Question

**What nutrients are in your food?**

It is important to eat the right amounts of a variety of different food types. Look in your kitchen to find out what different types of food you can find.  
[https://www.nhs.uk/change4life](https://www.nhs.uk/change4life)  

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<tr>
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<tr>
<td>Separate the foods that you find into the below categories: Fruit and Vegetables; Meat &amp; Fish; Dairy; Carbohydrates and Starch; Sugars and Fats. Count how many of each category you have. Can you make a poster or chart to show how many different nutrients you found?</td>
<td>Look at the labels of the food that you find. Which foods have the highest fat/sugar/carbohydrate/fibre content? Which foods have the lowest fat/sugar/carbohydrate/fibre content? Do the portion sizes match the packet size?</td>
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<tr>
<td>Record all the food you eat for a week. Then, work out the nutritional value of your food. Are you eating a balanced diet?</td>
<td>Scientists use research to investigate their hypotheses (predictions) and answer their scientific questions. In this task we used secondary sources to find the answer. This enquiry type requires using skills to compare and evaluate information; separating fact from opinion; recognising bias; and an ability to extract key information.</td>
</tr>
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