

Science and the Wider Curriculum - Planning and Ideas



Week Commencing: Monday 29th June 2020

Year Groups: 3/4

	Monday	Tuesday	Wednesday	Thursday	Friday
Area of Learning	Subject: Geography LC: Can you create a tour map of local landmarks in your area?	Subject: French LC: Can you recognise rooms of a house in French?	Subject: Music LC: Can you research the history of a musical instrument?	Subject: Science LC: Can you answer questions on plants?	Subject: Art LC: Can you create a piece of art based on the natural world for Children's Art Week?
Activity	<p>Starter:</p> <p>What can the children remember about landmarks and compass directions? Children to make a mind map of their ideas.</p> <p>Main:</p> <p>Go through the different compass directions, eg. North, South, East and West. Remind children that landmarks are geographical features that stand out in the landscape.</p> <p>Independent:</p> <p>Children to create a map and write instructions using compass directions to direct someone around the landmarks of Spennymoor.</p>	<p>Starter:</p> <p>Ask the children to make a list of as many different rooms inside their house.</p> <p>Main:</p> <p>Using the PowerPoint slides go through the different rooms in a house in French.</p> <p>Independent:</p> <p>Children to complete worksheet filling in the blanks to write the name of rooms in the home in French. As a challenge the children</p>	<p>Starter:</p> <p>Ask the children to name as many musical instruments as they can. Make a list of these instruments.</p> <p>Main:</p> <p>Explain to the children that musical instruments typically fall into 4 different sections of the orchestra with these being either woodwind, brass, string or percussion.</p> <p>Independent Task:</p> <p>Children to choose 1 instrument from their list of musical instruments and are to research the</p>	<p>Starter:</p> <p>Children to think about what they have learnt about plants.</p> <p>Main:</p> <p>Today the children are consolidating their learning by answering several questions about how plants grow.</p>	<p>Starter:</p> <p>Children to think about what styles of Art they have covered recently at school, eg. Mosaics, Collages etc.</p> <p>Main:</p> <p>Explain to the children that across the UK from the 29th June to 19th July 2020 is known as Children's Art Week. The idea behind this that each week the children are encouraged to get involved in creating and observing art based around a different theme. Week 1's theme is the</p>

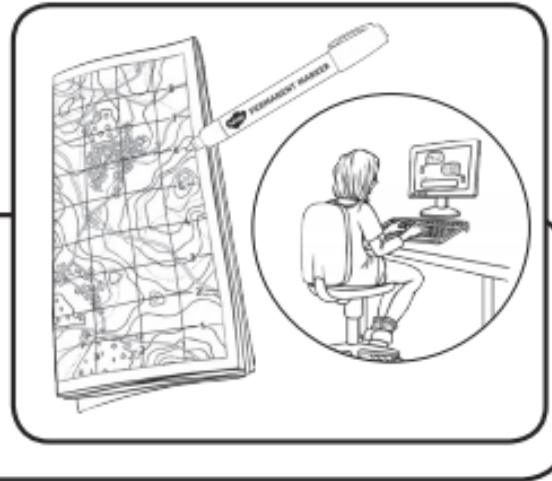
		<p>are to complete the second worksheet whereby they draw the floorplan of their houses from a birds eye view labelling each of the rooms as they go. (It is recommended the children do this by floor so the drawing doesn't get confusing).</p>	<p>history of the instrument. With their research the children are to create a short booklet.</p> <p>Areas to consider:</p> <ul style="list-style-type: none"> • When was the instrument first mentioned? • What is the instruments purpose? • What section of the orchestra does the instrument belong to? • Glossary of unfamiliar terms 		<p>natural world. Week 2's theme is connecting across generations. Week 3's theme is literacy and creative writing.</p> <p>Independent:</p> <p>The children are to research different art works that represent the theme of the natural world and use these as inspiration to make their own piece of art that demonstrates this theme. The children can use whatever style of art they wish and whatever resources they have access to.</p>
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A Tour Around Your Local Area

Can you plan a tour of your local area to showcase any attractions and scenery?

What You May Need:

- A map
- Marker pen
- Hi-visibility jacket



- Think about the places you like to visit in your local area. You may also want to research in a local library about local attractions.
- Make a list of the places you would like to take people to on your tour.
- Either use a map or draw your own of the area and mark on the attractions you will walk past.
- Decide upon the best route to walk in order to visit all of your chosen places.

une maison



l'escalier



un appartement



le salon



le jardin



la salle à
manger



l'entrée



le garage



la cuisine



le grenier



chez moi



le sous-sol



la chambre















le bureau



la salle
de bain



Can you match the picture of places in the home with the correct phrase from the word bank? Remember to copy the French spellings carefully!

 _____	 _____	 _____
 _____	 _____	 _____
 _____	 _____	 _____
 _____	 _____	 _____

la salle à manger	le grenier	l'escalier
la salle de bain	le jardin	le garage
le salon	l'entrée	le bureau
le sous-sol	la chambre	la cuisine

- Draw a bird's-eye view of each floor of your home, showing where each room is.
- Label each part of the house using the word bank below to guide you. You might not need all the words.
- Put in your garden or balcony if you have one!

Dans la Maison (In the House)		
la cuisine	la salle à manger	la chambre
la salle de bain	le salon	le jardin
le balcon	l'entrée	le bureau
le sous-sol	le grenier	le garage
l'escalier		

Draw your bird's eye view of your home here:

Music – Wednesday 1st July 2020

No resources needed.

Science – Thursday 2nd July 2020

How does your garden grow?

Question 1

What will happen to a plant if it does not have any water? Tick ✓ the correct answer.

It will grow big and tall.

It will wilt and eventually die.

It will turn yellow.

It will move somewhere else

Question 2



1 mark

Describe what will happen to the flower in the diagram above.

Question 3

Write down 3 things that you need to give a plant to make sure it grows healthily.

1. _____

2. _____

3. _____

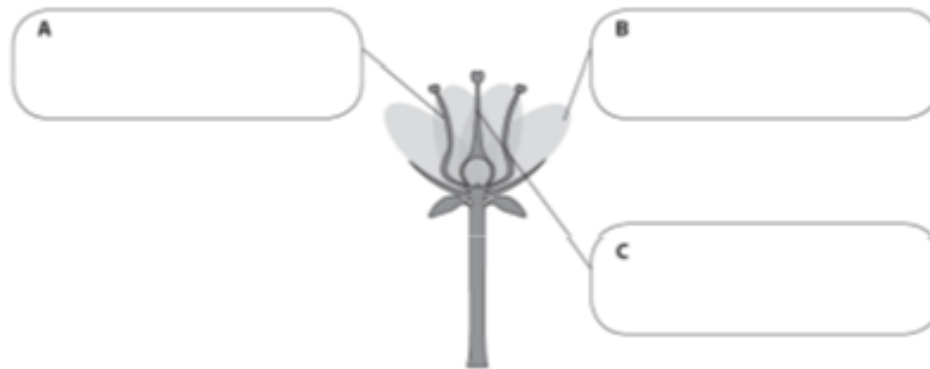
1 mark

3 marks

Question 4

Here is a diagram of a flower.

a) Write the name of each part in the correct box.



b) What is the job of part A?

c) What is the job of part B?

d) What is the job of part C?

e) To make a seed, an egg must join with what?

3 marks

1 mark

1 mark

1 mark

1 mark

Question 5

Seeds are dispersed by

water gravity animals exploding wind

How are these seeds dispersed?



Sycamore seeds _____



Dandelion heads _____

1 mark

1 mark

c)



Horse chestnut seeds (conkers) _____

1 mark

d)



Coconuts _____

1 mark

e)



Alder _____

1 mark

f)



Blackberries _____

1 mark

g)



Himalayan balsam _____

1 mark

Question 6

Sarah wanted to find out if plants needed light to grow.

She put Plant A on the windowsill in the classroom and Plant B in the cupboard.

a) List 3 things that Sarah will have done to make her test fair.

1. _____

2. _____

3. _____

She left the plant for 2 weeks. Her results were:

- Plant A was 10 cm tall; the stem was thick and the leaves were green.
- Plant B was 15 cm tall; the stem was thin and the leaves were yellow.

Explain why Plant B was tall, thin and yellow.

b) _____



1 mark

3 mark

1 mark

Answers How does your garden grow?

1. 1 mark for tick – It will wilt and eventually die.
2. 1 mark for Half of the flower will be red and the other half will be blue.
3. 1 mark for any three from – light, water, warmth, air, nutrients
4. 1 mark each – a) A: stamen, B: petal, C: stigma / carpel; b) make pollen; c) attract insects; d) collect pollen / make eggs / make seeds; e) pollen
5. 1 mark each – a) wind, b) wind, c: gravity, d) water / gravity, e) water / wind, f) animals, g) exploding
6. 1 mark each – a) 1. same kind of plant, 2. same kind of soil, 3. same amount of water. b) The plant did not get light, so the leaves turned yellow, it tried to find light so grow tall but could not make its own food so was thin.

Art - Friday 3rd July 2020

Resources

Any materials the children decide they may like to use. Some examples may include:

- Coloured Paper/Card
- Felt Tips
- Crayons
- Tissue Paper
- Glue
- Scissors
- Sequins

Where can I complete further work?

[Twinkl](#) – Subscription service used by schools is offering a free premium service for teachers, parents and children to use whilst schools are closed. Enter the code **UKTWINKLHELPS** for access to worksheets, powerpoints and interactive games to support all areas of learning.

[Classroom Secrets](#) – Free Maths, Reading and Grammar home learning packs and interactive resources for all ages.

[BBC Bitesize Primary](#) – Free learning resources available for KS1 and KS2 across all subjects.

[Oxford Owl](#) – Free ebooks and reading resources available when you create a free login.

[Phonics Play](#) – Subscription service is offering free access to their learning resources during this period. Follow the link for details on how to gain free access.

[Top Marks](#) – Free educational resources and games for English and Maths.

[ICT Games](#) – Free educational resources and games for English and Maths.