

## Science and the Wider Curriculum - Planning and Ideas

**Week Commencing: 15-6-20**

**Year Groups: 1/2**



	Monday	Tuesday	Wednesday	Thursday	Friday
<b>Area of Learning</b>	Subject: PE LC: Can you perform different exercises to win the game?	Subject: Science LC: Can you explore a microhabitat?	Subject: RE LC: Can you say why people go to Lindisfarne today?	Subject: Technology LC: Can you build a new tower for Rapunzel? Can you build an escape route for Rapunzel?	Subject: Music LC: Can you listen to and talk about a song? Can you move to the pulse of the music? Can you learn to sing a song?
<b>Activity</b>	<p><i>You will need: Connect 4 sheet, 2 coloured pencils,</i></p> <p><b>Warm Up -</b> Warm Up by completing Andy's wild workout. Use 1 of the links below to see it: <b>Main Activity – Fitness Challenge</b> Play 'Fitness Connect 4' with someone in your house.</p> <p>Have fun!</p>	<p><i>You will need: resource sheet &amp; identification sheet below, camera/mobile phone,</i></p> <p><b>Task 1 -</b> Recall different types of habitats by watching the clips and playing the quizzes on BBC Bitesize. This is a repetition from last week as there was quite a lot of information to look at: <a href="https://www.bbc.co.uk/bitesize/topics/zx882hv">https://www.bbc.co.uk/bitesize/topics/zx882hv</a></p> <p><b>Task 2 -</b> Go for a walk to visit a local habitat such as the woods. Explain that this is a very big habitat and will contain many microhabitats. <i>Microhabitats in the woods might include: under stones and rocks, in short grass, under logs, under fallen leaves, in and on the soil, in tall grass and flowers etc.</i> Find 1 of these microhabitats. Take a photo of it and think of words to describe</p>	<p><i>You will need: resource sheets below,</i></p> <p><b>Recall -</b> Remind that Cuthbert lived on Lindisfarne for several years. Explain that it is often called Holy Island because of saints like Cuthbert. Locate where Lindisfarne is in relation to Spennymoor on map. <b>Task 1 –</b> Watch the video clip to show what Lindisfarne looks like: <a href="https://www.youtube.com/watch?v=wuiHdIB_b5E">https://www.youtube.com/watch?v=wuiHdIB_b5E</a> Explain – some Christians go on a special journey to Lindisfarne to</p>	<p><i>You will need: crafts materials such as - junk card, tubes, boxes, tape, string, glue, planning sheet</i></p> <p><b>Task 1 –</b> Share the story 'Rapunzel'. Listen to it here: <a href="https://www.youtube.com/watch?v=vquZQBe9Deg">https://www.youtube.com/watch?v=vquZQBe9Deg</a> Read it here: <a href="https://www.dltk-teach.com/rhymes/rapunzel/story.htm">https://www.dltk-teach.com/rhymes/rapunzel/story.htm</a> Discuss how the witch hid Rapunzel in a tower and what the tower might look like. <b>Task 2 –</b> Tell your child that they need to design and build the tower where Rapunzel was kept. Plan your tower design using the planning sheet – draw what your tower will look like, add labels and make a list of the things you will use to make it <b>Task 3 –</b> Use your plan and junk material to build your tower. <i>If you have construction toys such as lego, blocks or kinnex, you could try building a tower from these.</i></p>	<p>Go to: <a href="http://www.durhamonlinemusic.co.uk/yumu">www.durhamonlinemusic.co.uk/yumu</a> Enter your username and password in the boxes on the screen. Click the Log in button. You're all ready to get started.</p> <p>Complete activities for Unit: <b>Friendship Song – Step 3.</b> Listen &amp; Appraise – We go together and Friendship Song Warm Up Game – Challenge 3 Flexible Games Track – Silver Challenge Practise singing the Friendship Song – Verse 1, Verse 2 and Chorus Improvise with the song – Clap and improvise</p>

		<p>it. Look closely to try and spot minibeasts living in the microhabitat. Take photos of the minibeasts you find.</p> <p><b>Task 3</b> – Back at home – Draw a picture of the microhabitat you found and the minibeasts that you spotted.</p> <p><b>Challenge</b> – Make a minibeast hotel in a space in your garden. Keep a look out for any minibeasts coming to stay!</p> <p>Have fun!</p>	<p>help them feel close to God and to remember Cuthbert – this is called a pilgrimage.</p> <p>Use photographs to explore the sort of things people see/do when visiting Lindisfarne.</p> <p>Talk about the things your child would like to see/do if they went to visit Lindisfarne?</p> <p><b>Task 2</b> - Choose some of the photographs and write sentences about what you would like to see/do at Lindisfarne.</p> <p>Happy researching!</p>	<p><b>Task 4 Challenge</b> – Discuss how the witch and the prince were able to climb up the tower. Help your child to think of designing an escape route so that Rapunzel can escape from the tower (e.g. a ladder, a slide, a zipwire). Draw what your escape route will look like on your planning sheet, then use your plan and junk material to build it.</p> <p>We would love to see your designs - Take a picture of your finished work and email them to us.</p> <p>Have fun!</p>	<p><i>If you have a recorder or glockenspiel you could try the instrument sections too.</i></p> <p>Have fun!</p>
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Monday PE – Links for Andy's Wild Workout

<https://www.bbc.co.uk/iplayer/episode/p06tmrxr/andys-wild-workouts-series-1-6-rainforests>

<https://www.youtube.com/watch?v=67zBQyX3etY&list=PLoOc9M0VgduMnQiJ56Gw5TX7wsGIF7kmv&index=6&t=0s>



## Fitness Connect 4

### Instructions -

You and your partner take it in turns to complete a fitness task.

Once complete, colour the circle in your colour.

You must start from the bottom row.

When you get 4 in a row (horizontal/vertical/diagonal) you win a point.

You continue until no more circles are available.

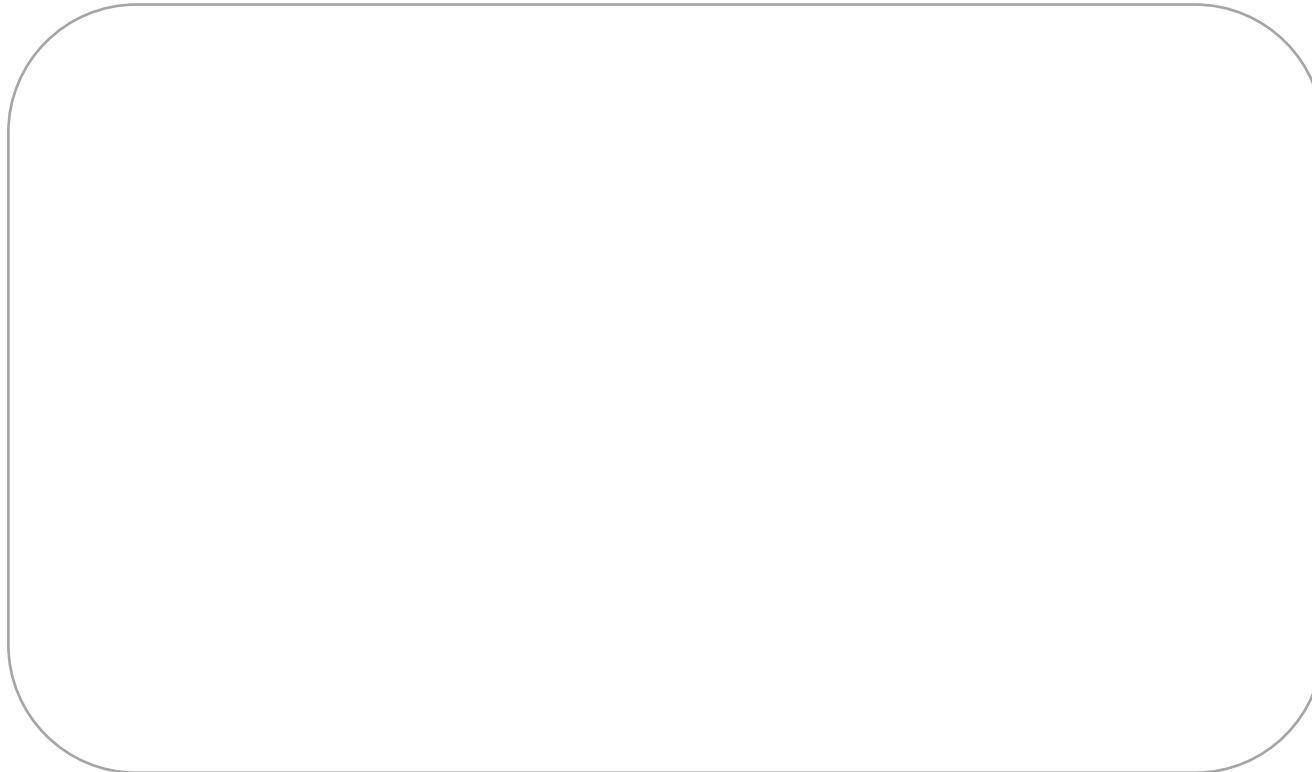
The person with the most points wins.

# Microhabitats Enquiry

Draw a picture of the microhabitat you found.

Write a sentence to describe what the microhabitat is like.












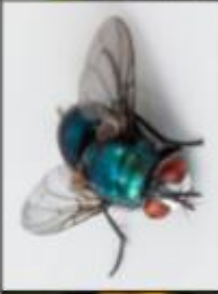



Draw and label some of the minibeasts you found in the microhabitat.



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Word Bank: dry dusty rocky damp muddy woody leafy hard soft springy light dark big small

# Minibeast Identification Sheet

	worm		wasp
	ladybird		dragonfly
	snail		woodlouse
	caterpillar		earwig
	ant		beetle
	butterfly		fly
	slug		centipede
			millipede





# Make Your Own Minibeast Hotel



## Outdoor Activity

### You will need:

A suitable container or area in your outdoor area, preferably wooden

Compost

Fertile soil

Pieces of wood (various sizes)

Different sized/shaped stones

Bricks

Old roof tiles

Clay drainage tubes

Fir cones

Dry leaves

Bark

Straw, hay

Dead wood/sticks

Plants that will attract insects

### Method

1. Choose either an area in your outdoor area or a wooden container and place it on the ground.
2. If the container hasn't already got holes in, make some holes in the bottom. That will create drainage and let minibeasts crawl in.
3. Fill the container with compost and fertile soil.
4. Use your resources to build various places for minibeasts to live.
5. Woodlice and beetles will like wood/sticks and if stacked, the minibeasts can crawl through them.
6. Plants will attract the crawling bugs like caterpillars, snails and spiders.
7. Butterflies and bees will like nectar-rich flowering plants.
8. It's up to you how much you put in your bug hotel.
9. Observe the hotel over time and see which minibeasts it attracts.
10. Can you find out which areas each kind of minibeast like best?



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Wednesday – RE

Where is Lindisfarne?



Why do people visit Lindisfarne?



to see the road across to the island with the beautiful wild scenery



to visit the ruins of the monastery



to see Cuthbert's isle



to see the statue of Cuthbert



to see the church



to see the wildlife



to watch the tide go in and out



## Planning Sheet

Can you design and build a tower for Rapunzel?  
Can you build and add an escape route for Rapunzel?

Draw what your tower will look like here.  
Write labels to show each part.

Make a list of things you will use to make your tower.

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## **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, power points 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.