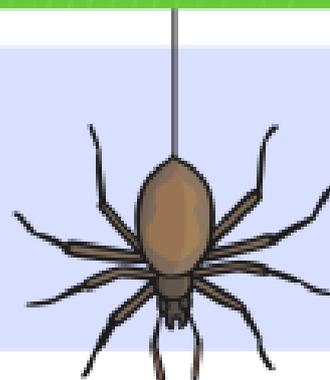


Reading
Mission:
30
minutes

Children to read or support them to read the following text.

Spiders

Spiders can come in all shapes and sizes. Some are so small they can sit on the head of a pin; others are bigger than a grown man's hand. Though people think they are insects, like bees and wasps, they are in fact arachnids. This means they have eight legs and not six. They also do not have antennae on their heads.



Super Spider Facts

You can find spiders on every continent of the world, except for Antarctica. It is too cold for them to survive there.

Different Types of Spider

The largest spider in the world is the Goliath bird-eating spider. They are named after the famous giant in the Bible story of David and Goliath. They live in South America, in the rainforests. The name is a bit confusing, as they don't actually eat birds. They mostly eat worms and toads.

The smallest spider in the world is Samoan moss spider. They are about the same size as a full stop. Even though they are tiny, these spiders are still very poisonous but their fangs aren't long enough to bite into a person's skin.

Some More Amazing Spider Facts

- There are about 40 000 species of spider in the world.
- Fear of spiders is known as arachnophobia.
- Most spiders are completely harmless to people. Only a few species are venomous.
- Some spiders are covered in hairs which can make skin very sore.

Nearly all spiders catch their food by making a web that acts like a trap. This web is made from very thin but very strong silk. When insects fly into it, they get stuck and the spiders can then wrap them up in even more silk. Spiderwebs are very beautiful, made up of hundreds of small shapes, and can take a spider days to make. There are some spiders that don't make webs. They hide in holes in the ground and jump out on their prey as they walk past.

After they can answer these questions. These can be verbal answers or they could be written down or typed. Children could even draw their responses. Suggested answers are in italics.

What kind of animal are spiders?

Name two ways that spiders can defend themselves.

	<p>What is the world's smallest spider called?</p> <p>What do spiders make to catch food?</p> <p>Why is 'Goliath bird-eating spider' a strange name?</p> <p>What do spiders make their webs with?</p> <p>In what two ways are spiders different from insects?</p> <p>Where would you choose to live if you had arachnophobia?</p> <p><u>Answers are at the end of the timetable.</u></p>
<p>Writing Mission: 30 minutes</p>	<p>For the next two days you are going to write a short story about what would happen if you found yourself shrunk to the size of an ant in your garden. You are undoubtedly going to meet some minibeasts!</p> <p>We are going to do this a little differently – there will be less up-front planning, and tomorrow will be spent improving what we have already written.</p> <p>We will still need a short plan:</p> <p>Main character: You</p> <p>What has happened: You have shrunk to 2cm tall in your garden (or park if you don't have a garden)</p> <p>What will you see: Grass taller than you, trees that reach the sky, giant minibeasts!</p> <p>Minibeasts you could see: Choose 3. You could see worms, slugs, snails, ants, beetles, ladybirds, aphids, garden spiders, house spiders, flies, dragonflies, bees, etc. Write your minibeasts at the top of your page.</p> <p>What will happen at the end: Your choice. Suggested ending: you suddenly grow back to your normal size. Write your ending under your minibeast list so you know what it will be.</p> <p>Now you are ready to write! Go for it!</p>
<p>Maths Mission: 30 minutes</p>	<p>We have decided it would be a good idea to explicitly set some times tables practice every day to help keep us sharp! You could have your own mini-test at the end of week, and send me the results if you like! As a reminder, there are plenty of online games to help practise these as well (e.g. https://www.topmarks.co.uk/maths-games/hit-the-button).</p> <p>Today's times table is the 9 times table.</p> <p>Today we are going to practise multiplying and dividing by 10 and 100 to solve these puzzles and help Inspector Carmel!</p>

Inspector Carmel has received a secret code from an unknown person calling himself 'Y', who wants to give him some urgent information about a **spy** who may be arriving in Redditch this weekend. **Y** has written the name of a city in the secret code, and will meet Inspector Carmel there this Sunday to give him his crucial message. **You** are a junior officer working for Inspector Carmel, and he has asked **you** to crack the code!

→ Complete the calculations below, in order, and then find the letter in the alphabet cracker that matches the answer, to reveal the name of the city.

→ Use the place value grid to help you, and **write each calculation in full in your book**, and the name of the city on the sheet!

Good luck! The security of our country may depend on you!

1. 39×10	2. $404 \div 10$	3. 16×100
4. 1.5×10	5. $600 \div 100$	6. 40.5×10
7. 53×100	8. $600 \div 100$	9. 16×100

A	B	C	D	E	F	G	H	I	J	K	L	M
30.9	150	15.00	160	6	6.1	45	40	503	450	44	1.5	40.5
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
3,900	40.4	530	16.1	1,600	405	5,300	4,050	105	390	60	116	3,900

ANSWER- the city where Inspector Carmel must meet Y is:

1	2	3	4	5	6	7	8	9
—	—	—	—	—	—	—	—	—

Inspector Carmel has received a second code! Y has said that Inspector Carmel must **send his junior officer** to the clock tower in this city to receive a **special package** that will help to capture the spy. Crack the code in the same way as above. Be sure to use the alphabet cracker below.

BEWARE: this is a fiendish code!

1. $409 \div 100$	2. 101×100	3. $459 \div 10$
4. 1.001×10	5. $45 \div 1,000$	6. $90.1 \times 1,000$
7. 9.01×10	8. 1.09×100	9. $37 \div 100$

A	B	C	D	E	F	G	H	I	J	K	L	M
0.45	0.045	1.19	10,100	4.09	901	109	0.37	45.9	1,001	4.009	4.5	1.101
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
10.01	10,010	9.1	370	90.1	3.7	0.037	90,100	10.19	1,010	40.9	0.459	0.085

ANSWER- the city to send the junior officer to is:

1	2	3	4	5	6	7	8	9
—	—	—	—	—	—	—	—	—

Topic Mission: Day 4 Today you should be continuing to carefully draw your observation of the minibeast you began yesterday.

Reading Mission