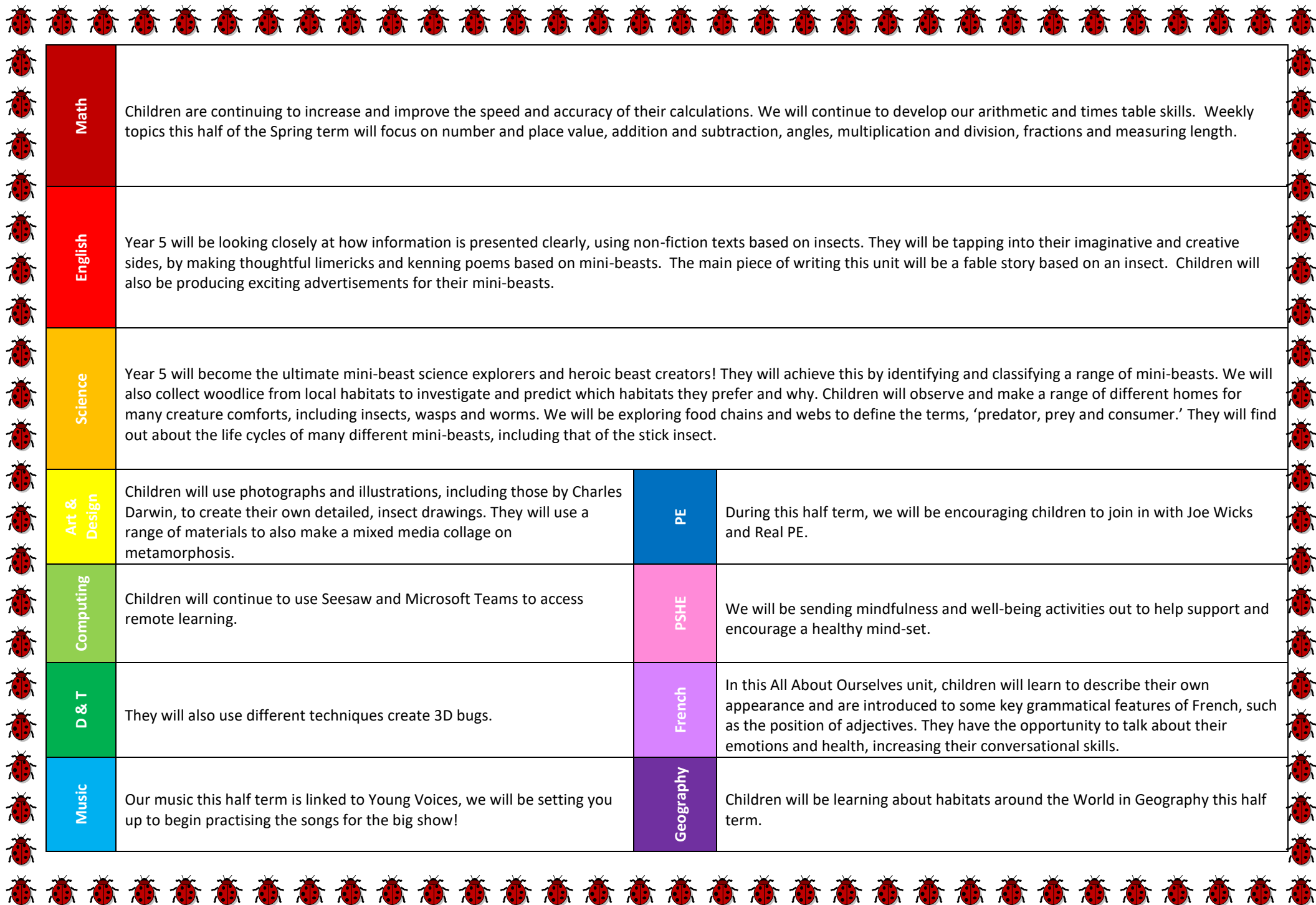


Year 5 Topic Web – Spring 1 – 2021

Beast Creator



	What we will be covering in class	Supporting your child's learning at home
Engage	Bugs... creepy-crawlies... beasts, who knew there were so many! Now it is time to take our magnifying glasses in hand, clipboards at the ready and start our search into the land where the mini-beasts live! We will start our hunt, by taking a tour around the school grounds, through the fields, to make observations and identify many of these fascinating creatures. Back at our base in the classroom, we shall use our research to create an insect report, detailed drawings, present data and even set up our own woodlice habitat investigation!	Have you ever visited a local butterfly, insect or tropical house to see and handle a range of mini-beasts and other small creatures? If you have any photographs to share in school – we'd love to see them!
Develop	During this stage of our topic, children will create their own mini, hotel accommodation for bugs and insects alike...aiming for that 4 star experience at least! Classes will also not forget those wonderful worms and will make a wormery, fit for any relaxing stay! Delving a little deeper, children will then discover where the world's deadliest bugs and beasts are hiding, including the <i>Anopheles mosquito</i> and <i>tsetse fly</i> ! Now mini-beast experts at this point, children will generate their own exciting limericks and kennings, based on their ultimate favourite bug, while also exploring their amazing life cycles. Children will also be introduced to the term 'metamorphosis,' in order to create exciting and colourful mixed media collages as well. To finish this part of their journey, Year 5 will be looking closely at the captivating life of the stick insect!	Did you know the fastest known insect is a dragonfly, which has been clocked at 58 kilometres an hour! Can you find out what else goes as fast so we can make some comparisons? Measuring more than half a metre, the Chan's megastick is the world's longest insect. It was discovered in 2008! Perhaps you could find a picture of this insect and tell the rest of your peers a fascinating fact about this creature?
Innovate	Let's get creative! Children will take part in a mini-beast mission... by becoming a Beast Creator! Our mission: imagine a super-strong aphid is destroying crops in the UK. United Nations scientists have decided to use selective breeding to create a super mini-beast that can exterminate these greedy aphids. Year 5 children, being members of the selective breeding team, will create their own super beast in order to control or exterminate this outbreak! Preparation for being a hero granted!	It has been known that certain types of grasshoppers and crickets...wait for it...have ears on their front legs! Can you find out which types of grasshoppers and crickets have this feature?
Express	Taking some time to rest a little after our heroic mission, children will retell their adventures by producing their own mini-beast fantasy story. To bring their stories to life, children will use a range of textile materials to make a 3D version of their fantastical beast. To round off our mini-beast adventures, children will present to the rest of their class which parts of their journey they have found particularly interesting before creating an epic 'Fascinating Fact File' full of amazing facts about mini-beasts!	Did you know that houseflies actually taste with their feet – they even have taste buds on them! Maybe that's why they love walking on jam or your delicious piece of cake? Are you quick enough to take pictures of these houseflies in action? Continue to support your child's mental maths skills by helping them to practise their times tables and division facts.



Math	<p>Children are continuing to increase and improve the speed and accuracy of their calculations. We will continue to develop our arithmetic and times table skills. Weekly topics this half of the Spring term will focus on number and place value, addition and subtraction, angles, multiplication and division, fractions and measuring length.</p>		
English	<p>Year 5 will be looking closely at how information is presented clearly, using non-fiction texts based on insects. They will be tapping into their imaginative and creative sides, by making thoughtful limericks and kenning poems based on mini-beasts. The main piece of writing this unit will be a fable story based on an insect. Children will also be producing exciting advertisements for their mini-beasts.</p>		
Science	<p>Year 5 will become the ultimate mini-beast science explorers and heroic beast creators! They will achieve this by identifying and classifying a range of mini-beasts. We will also collect woodlice from local habitats to investigate and predict which habitats they prefer and why. Children will observe and make a range of different homes for many creature comforts, including insects, wasps and worms. We will be exploring food chains and webs to define the terms, 'predator, prey and consumer.' They will find out about the life cycles of many different mini-beasts, including that of the stick insect.</p>		
Art & Design	<p>Children will use photographs and illustrations, including those by Charles Darwin, to create their own detailed, insect drawings. They will use a range of materials to also make a mixed media collage on metamorphosis.</p>	PE	<p>During this half term, we will be encouraging children to join in with Joe Wicks and Real PE.</p>
Computing	<p>Children will continue to use Seesaw and Microsoft Teams to access remote learning.</p>	PSHE	<p>We will be sending mindfulness and well-being activities out to help support and encourage a healthy mind-set.</p>
D & T	<p>They will also use different techniques create 3D bugs.</p>	French	<p>In this All About Ourselves unit, children will learn to describe their own appearance and are introduced to some key grammatical features of French, such as the position of adjectives. They have the opportunity to talk about their emotions and health, increasing their conversational skills.</p>
Music	<p>Our music this half term is linked to Young Voices, we will be setting you up to begin practising the songs for the big show!</p>	Geography	<p>Children will be learning about habitats around the World in Geography this half term.</p>

