











HOMWORK PROJECTS - Choose at least **four activities** to complete over the half term. Choose ones from a range of subject areas.

Please hand in before **Friday 15th December**

THEME: Animals and their habitats YEAR:4

<p>COMMUNICATION & LANGUAGE</p> 	<p>READING & WRITING</p> 	<p>NUMERACY</p> 	<p>COMPUTING</p> 
<ul style="list-style-type: none"> Go on to BBC IPlayer and watch blue planet. What is special about the ocean habitat? Feedback your findings to the class. Watch movies that focus upon animals and the effect humans are having upon their lives. "Over the hedge" is a great film that explores the life of a group of animals and the problems they face because of us. Write down the impact humans have upon animals in urban areas. Create your own quiz about animal habitats. You need to have at least 10 questions. Challenge your family to answer them. Find a book/ eBook, fiction or non-fiction, linked to a habitat such as the desert, the Arctic, the jungle etc. What can you find out? 	<ul style="list-style-type: none"> What stories do you know that are about animals? Are there any stories that you own that include under talking animal characters? Write a story with an under the sea theme. Maybe there is a sea monster or the sea creatures could come to life! Use your imagination. Can you turn your story into a book? Don't forget to add illustrations Use the internet with help from your parents and research poetry. Write a poem about the jungle. What life lurks beneath the depths of the sea? Research and write a fact file. Look in a newspaper and find any stories that link to animals and their habitats. What happened? 	<ul style="list-style-type: none"> Find out some mathematical facts about jungle animals such as - How long does the tree from life for? How much fruit does a fruit bat eat? How long is the tree snake? How fast is an anteater? Create fact cards about the creatures of the Great Barrier Reef in a Top Trumps style. Create some sea themed word problems for your partner to complete. For example, 12 octopuses go inside a ship wreck. They are joined by an additional 4 octopuses. How many tentacles are in the ship wreck? Design an 'animal habitat' maths board game. What creatures might your counters represent? Can there be some ? spaces where you need to answer a topic based question? How big are our oceans? Which one is the largest and how does this compare to the size of the UK? Do you see any wildlife in your garden (or at your local park). Make a tally of what you spot and present your data carefully. Will you put information into a table / graph? 	<ul style="list-style-type: none"> Research the coral reef and present your information using a PowerPoint. Can you insert videos or animations? Create a poster telling others how to keep our oceans clean and safe. What is your favorite animal? What can you find out? Use a book maker app such as bookcreator and compile your findings in your very own book. Remember to share this with your friends and family. Research a specific habitat. Think of some interesting facts about the it. Display your findings in a movie. Use Scratch programming to produce an animated movie about animals in danger of losing their home due to human activity. Is a new housing estate causing problems?

CREATIVE DEVELOPMENT 	PHYSICAL DEVELOPMENT 	KNOWLEDGE & UNDERSTANDING 	SOCIAL, MORAL, SPIRITUAL & CULTURAL DEVELOPMENT 
<ul style="list-style-type: none"> • Use a pencil to sketch different sharks. Don't forget to add detail. • Be creative and use the packaging from your foods to make an under the specific habitat model. • Draw or paint pictures of 3 different creatures found in your favorite habitat. Label the features that allow them to live where they do e.g. a shark has gills. • Create a sculpture of a creature or plant. E.g. A monkey, an oak tree etc. You could use clay, salt dough, papier mache, junk or any other materials of your choice. Try to be creative! • Draw the view of the ocean you might see if looking through the window of a submarine • Research artists who focus upon animals. What art have they produced and what is their work like? 	<ul style="list-style-type: none"> • Make up a dance to the song "Under the Sea". Get ready to perform it to the class. • Make up some gymnastic poses in the shape of creatures. Take a photo to share with the class. • Travel in different ways to represent creatures. How could you walk like a crab or an emu? • Can you swim? Make it your mission to improve your swimming skills. Swimming is a key life skill. Join a club or group • What sports involve water? Research these sports and record your findings in a fun way. • What facts do you know about winter Olympic sports? Do these take place in the Arctic? • What training do professional divers need to complete so they are ready for undersea adventures. 	<ul style="list-style-type: none"> • Who invented the ferry? Who invented the submarine? Research transport that travels on and in water. • Visit http://www.wateraid.org/uk/get-involved/schools/films-games-and-songs Learn about Water for All and play some games. Does everyone in the world have running water? • Are some creatures only found in certain places in the world? Why is this? • Are there some animals that have needed to adapt to survive? Can you name some of these adaptations? • How do zoo keepers ensure polar bears who come to zoos in our countries survive? Are there any other animals that needs specialist support to help them adapt in UK zoos? • Is Earth the only planet with water? Research our solar system. • Visit your local library and find non-fiction books about habitats. Use them to find out about the creatures of the world. Look for information using contents pages, glossaries and index pages. Write down any new facts you have learnt, and share them with your class • Use the web with an adult to find out about famous undersea explorers, such as Robert Ballard, Sylvia Earle, William Beebe and James Cameron. Record your information to share with the class 	<ul style="list-style-type: none"> • Are there people who live on isolated islands. What is life like for these individuals? How does this compare the our life in the UK? • Are there any animals that have become extinct? How did this happen and what can we do to ensure this doesn't happen again? • What stories in the bible include habitats? Does Jesus visit the desert? • Are there some rivers around the world that are special to culture? Where are they located and what makes them special? • Many habitats are effected by human impact. Is this fair and what can we do to help? • Some animals prefer to live in groups while others like the quiet life alone. Research which animals are very sociable and which ones are very isolate, Why is this?

