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| updated logo Badgers Class Medium Term Planning for Science / Understanding the World Spring Term 2024**Science - Living things and their habitats** **Topic – Seas and Oceans** |
| **Pupils should be taught to:**• identify and name a variety of  plants and animals in their  habitats, including  microhabitats | In this topic the children will explore a range of habitats as well as the microhabitats within the school grounds and sensory garden.There will be specific planned opportunities to support the children’s progress and may be altered to suit the needs of the children during the term.  |

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| **Key vocab – animals, dog, bird, cat, fish, shark, whale, spider** | **Fish, shark, dolphin, whale, turtle, animals, sea, sea weed, crabs, seal** | **Fish, shark, dolphin, whale, turtle, animals, sea, sea weed, crab** | **Fish, shark, dolphin, whale, turtle, animals, sea, sea weed, crab** |
| **Lesson 1 - Link it.****Explore, match and name a range of familiar and unfamiliar animal toys, photographs etc**Explore a range of familiar activitiesWhat do the children do with them? Which ones interest them the most?Plenary – Look at photos of ourselves exploring, naming and matching**Use Makaton and AAC to name**  | **Lesson 2 and 3**  **Learn it**1. Watch short video of ocean animals, pause and name key animals and the habitat using AAC
2. Explore animals in a play habitat – Tuff tray or tank
3. Name with speech or AAC or match
4. Make sensory sea creature bottles week 2 only/ week 3 explore animals frozen in ice cubes/blocks

Plenary – share photographs<https://www.youtube.com/watch?v=mh6WChUVxOQ>[**https://www.youtube.com/watch?v=AskWKTiyLmU**](https://www.youtube.com/watch?v=AskWKTiyLmU) | **Lesson 4 learn it/check it**1. **Revisit and recap videos and naming of animals**
2. **2 Role play animals exploring their water environment – sharks eating, crabs hiding under rocks, dolphins diving etc**

Plenary – share photographs | **Lesson 4**Show it Match sea animal to sea animal in water/sort animals into sea and not sea life.**Lesson 5**Learn it.Learn about the sea animals which are also on shore and create a rocky beach environment – seals, crabs, gulls, sea lions.Use AAC to name/ match  |

Take the objectives for the LO stickers from this section

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| Substantive Knowledge (Content) | Disciplinary Knowledge (Skills)  |
| Names of plants and animals and environments | Exploring environments, sorting, classifying and matching |

**Progression of Learning**

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| ‘Link It’  | ‘Learn It’ | ‘Check It’  | ‘Show It’ | ‘Know It’ |
| Previous learning of pupils Recognising and naming/matching some animals  | Activities provided during lesson Resources Learn to hold, touch, feel, look at closely different animals and habitatsBe exposed to new language.Naming animals upon themUsing Makaton to name. | Independent activities linked to lesson Resources Practice exploring different environments  | How will the pupils share knowledge during or end of lessonUse previous knowledge to explore new animals and environments | Retrieve or generalization of learning after lesson Begin to sort/match animals by obvious differences and environments |