Lesson plan – Animals in Motion

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| Teacher |  | Date |  | Room | Various outdoor enclosures / Classroom |
| **Course/topic**  **Science:**  Animals including humans  Living things and their habitats | **Age group**  KS1 and KS2 | **Time** | Booked Add-On School Groups | **Duration** | 60 mins |
| **Aim** | To introduce learners to various types of animal adaptation to locomotion and movement | | | | |

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| Timing | Objectives/Learning outcomes/  To be able to: | Resources | Teacher activities | Learner Activities | Assessment |
| 10 minutes | Define Movement, Animal Locomotion & Adaptation | Worksheet | Deliver instructions catering for all learning styles.  Define movement, animal motion & adaptations.  Encourage students to engage in a Q&A. | Engage in a Q&A. | Q&A  Initial observation assessment.  Supervision and questioning throughout. |
| 15 minutes | Meet tortoise, mara, rabbit, capybara  Discuss differences between each species, their adaptations to motion (walk, hop, run, swim)  Discover the importance of adaptations to motion  Stroke a tortoise – Learn difference between tortoise & turtle (walk/crawl) | Zoo Team member (delivery & animal handling)  PPE  Antibacterial gel | Supervise and evaluate learners.  Ensure health and safety is followed at all times and that learners are aware of codes of conduct/rules. | Observations.  Tactile experience  Meet, greet & touch an animal | Observation of reactions to zoo team talk, meeting the animals. |
| 15 minutes | Observe a bird of prey (owl)  Learn and discuss basics of flight & adaptations of different species of birds (silent flight/distance/speed) | Zoo Team member (delivery talk) | Supervise and evaluate learners.  Ensure health and safety is followed at all times and that learners are aware of codes of conduct/rules.  Encourage students to engage in a Q&A.  Demonstrate knowledge on the subject area. | Observations  Animal – BOP | Observation of reactions to zoo team member talk, observing the animal  Q&A on what learners observe about the animals. What adaptations to motion do they have? |
| 15 minutes | Split into teams to complete a worksheet & a physical activity.  Be able to identify the different types of locomotion based on animal adaptations. | Worksheet – Identify the type of movement or locomotion of an animal based on adaptations.  Act out an animal’s locomotion or movement in teams | Q&A  Demonstrate knowledge on the subject area. | Discuss how adaptations affect locomotion  Problem solving: Fill in the sentence blanks  Engage in a Q&A.  Worksheet | Q&A  Physical activity |
| 5 minutes | Demonstrate an understanding of movement, animal locomotion & importance of adaption to motion. | Suggested follow up classroom discussion  – *How do people move? Are we faster or slower than most animals? Why?* | Feedback from students to check learning covering all learning styles. | Ask questions to the teacher.  Show understanding of the topic.  Summarise the lesson. | Self-assessment. |