Lesson plan – Animals in Motion

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 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  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 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&AInitial observation assessment.Supervision and questioning throughout. |
| 15 minutes | Meet tortoise, mara, rabbit, capybaraDiscuss 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)PPEAntibacterial 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 animalQ&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&APhysical 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. |