TMS Science Launchpad - Year 2023/2024 Year 1 - Biology: Animals, including humans



Substantive knowledge:

Parts of human body:

eyes, ears, nose, foot, thumb, toes, teeth, elbow, hand, fingers, shoulder, mouth, tongue, neck, head





Senses - we have them to survive -

and then respond

eyes : sight ears: hearing tongue : taste skin : touch

nose: smell







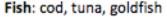












Mammals:humans, dolphins, dogs, hamsters,

Reptiles: snakes, lizard, gecko,

Amphibians: frogs, toads, sloworms Birds: blackbird, sparrow, vulture Insects: spider, worm, moth



Animals need food to:

- survive
- grow
- repair their bodies
- be active
- stay healthy.



Carnivores (meat eating): cats, polar bears, sharks Herbivores (plant eating): horses, elephants, giraffes

Omnivores (eats both plants and animals):humans, foxes, dogs





Vocabulary:

amphibians, birds, fish, mammals, reptiles, carnivores, herbivore, omnivore, sight, hearing, touch, taste, smell, head, neck, ear, mouth, tongue, shoulder, hand, fingers, leg, foot, thumb, eye, nose, knee, toes, teeth, elbow, body, tail, wing, fin, scales, feathers, fur, beak, hooves, paws

Disciplinary knowledge

Identify and classify



What are the names

for all the parts of

our bodies?

(to observe closely)

Observation over time



How does the length of my ___ (body part) change over the year? (take measurements)

Pattern seeking



Do you get better at smelling as you get older? (interpret results) Comparative tests



Is our sense of smell better when we can't see? (blind fold and no blind fold) (gather and record results) Identify and classify



Can you identify parts of the body for different animals? (to ask scientific questions) Identify and classify



How can we
organise all the zoo
animals? (e.g.
omnivores/
carnivores/
herbivores)
(to observe closely)

Research

