STRUCTURES & FUNCTION

- ORGANISMS often NEED SPECIAL STRUCTURES/FUNCTIONS (AS in BODY PARTS) to DO SPECIFIC TASKS
  - EX: TEETH, THUMBS, TOES
  - → RESPONDS to ENVIRONMENT/ADAPTATION

ALL ORGANISMS PERFORM SPECIFIC functions to STAY ALIVE. They USE their SPECIFIC STRUCTURES to DO that TASK.
- EX: food gathering, MOVEMENT

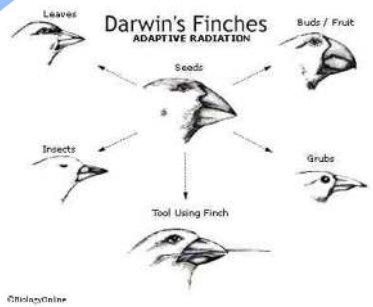
Different STRUCTURES for SIMILAR FUNCTIONS → MOVEMENT
- → BIRDS = WINGS
- → PLATYPUS = WEBBED FEET
- → FISH = FINS
- → HUMANS = LEGS





STRUCTURES can BE VERY different ACROSS diff ANIMALS BUT DO A SIMILAR JOB → VARIATION →

A SLIGHT CHANGE in STRUCTURES THAT OCCUR in ORGANISMS → often EASY to SEE in ISLAND ANIMALS



PARROT-like. TREE BASED FRUIT.

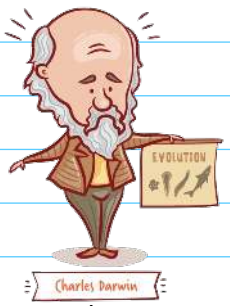


√FOR INSECTS IN BARK



√SEEDS & NUTS. GROUND BASED.



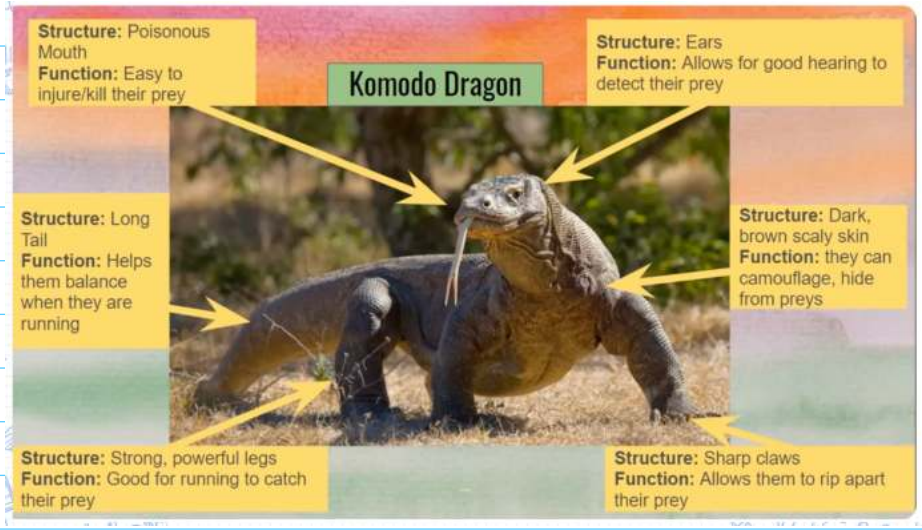


DEVELOPED THEORY of NATURAL SELECTION



PUBLISHED in THIS BOOK in 1859

"POPULATIONS ADAPT to THEIR ENVIRONMENT in different WAYS. SOME individuals have TRAITS BETTER SUITED to that ENVIRONMENT than others."



TASK: CHOOSE A CREATURE AND IDENTIFY MINIMUM 6 STRUCTURES & FUNCTIONS