Science Fair Project ideas
Life Science: Adaptations (5-6)

Animal Physical Adaptations

Which bird beaks are best adapted for which foods?

Which camouflage patterns help an animal hide best?

Which dog breeds are best adapted for the local climate?

Which animals in the local zoo are best adapted for the local climate?

What physical features allow local prey animals to protect themselves from predators?

What role does coloration serve for various local bird species?

Plant Adaptations

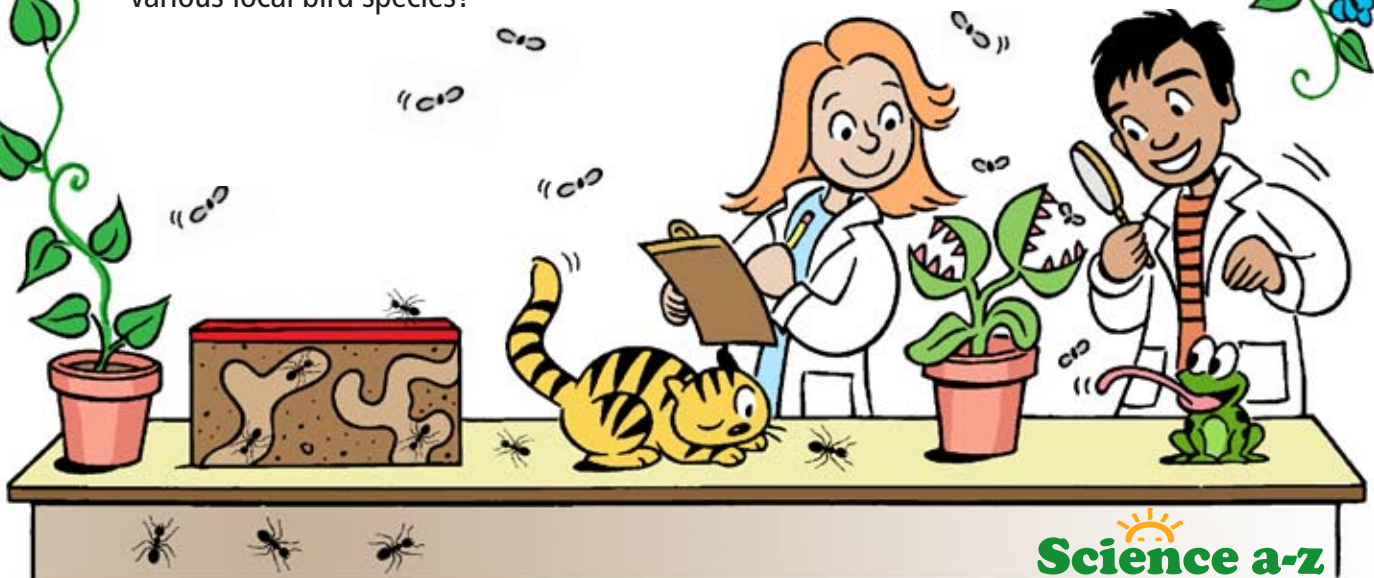Do cacti absorb more water than other plants?

Which houseplants are best adapted to cold temperatures? To hot temperatures?

How long can different houseplants live without light?

How long can different houseplants live without water?

Do some types of seeds require more water to sprout than other seeds?

Which plants on the schoolyard are native and which are non-native?

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Animal Behavioral Adaptations

Will crickets adapt to slight temperature changes over time, as measured by amount of chirps?

Why do spiders build webs at different slants?

Can some breeds of dogs find food faster than other breeds?

How fast can you actually teach an old dog new tricks?

Can you train ants to come for food at the same time every day?

Do aphid-herding ants protect their aphids from predators?

How quickly will ants be able to find food placed at different distances from their nest?

Can fruit flies learn?

Human Adaptations

How quickly do boys' and girls' eyes visually adapt to darkness?

How many people sneeze when looking toward bright light? (photic sneeze reflex)

Can people with longer legs run faster than people with shorter legs?

Does the amount of sleep that students get affect their grades?

Which sense is the most effective for detecting potential dangers?

Which behaviors that I make during a day are instincts and which are learned?

Which physical traits among my classmates are dominant and which are recessive?

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