



**WEIRD
AND WONDERFUL
ADAPTATIONS**



**SURVIVING IN
EXTREME
ENVIRONMENTS**



**BIOLOGICAL
BEHAVIOURS FOR
SURVIVAL**



**HIDING IN PLAIN
SIGHT**

ADAPTATIONS INQUIRY



Welcome... to the amazing world of adaptations!

Living things are all adapted to surviving and thriving in the habitat and environment in which they live. These adaptations could be **structural**: body or plant parts, skin, fur, limbs, claws, thorns etc. They could also be **behavioural**: the ways in which the animal has learned to behave in order to survive.

Your task: to choose one of the titles above to prepare a presentation to your peers on the science of biological adaptation.

Don't forget that plants are also adapted to survive in their environments- you don't need to report only on animals!



How To Present Your Learning

You have a choice as to how your learning is presented to your classmates. You may use a slideshow with explanations, PowerPoint, poster or poster-board with pictures, or another method you think will work: let your teacher know.

Timeline for Completion

- Research completed and key visuals selected:
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- Rough plan of presentation:
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- Presentation completed:
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Criteria for Success

1. Identify the category of adaptation you are presenting on:
 - Weird and wonderful adaptations
 - Surviving in extreme environments
 - Biological behaviours for survival
 - Hiding in plain sight
2. Name 3-4 adaptations from your chosen category
3. For each adaptation, provide a detailed explanation of how it helps an organism survive and thrive in environment.
4. Should have variety and originality. Something that surprises us in some way, a unique adaptation or creature.
5. Visuals present the organism and its adaptation in a clear way, which may be in colour where necessary and effective.



Your project must include the following: the "Givens"



Key visuals



Several examples



Organized in a way that makes sense



Your name(s)