

**LEARNING OBJECTIVE: TO IDENTIFY KEY TRAITS FOR CLASSIFICATION OF MAMMALS, BIRDS, AMPHIBIANS, REPTILES AND FISH.**

**1. COMPLETE THE FOLLOWING SENTENCES BY CHOOSING THE RIGHT WORDS FROM THE BOX.**

**WITH**

**WITHOUT**

**DIFFERENCES**

**VERTEBRATES**

**INVERTEBRATES**

**CLASSIFICATION IS THE PROCESS OF GROUPING ANIMALS TOGETHER BASED ON THEIR SIMILARITIES AND \_\_\_\_\_ .**

**THE FIRST STEP OF CLASSIFICATION SORTS ANIMALS INTO 2 GROUPS, CALLED VERTEBRATES AND INVERTEBRATES.**

**AN ANIMAL \_\_\_\_\_ A BACKBONE IS CALLED AN INVERTEBRATE.**

**JELLYFISH, WORMS AND SLUGS ARE EXAMPLES OF \_\_\_\_\_ .**

**AN ANIMAL \_\_\_\_\_ A BACKBONE IS CALLED A VERTEBRATE.**

**DOGS, CATS AND HUMANS ARE EXAMPLES OF \_\_\_\_\_ .**

**2. THE FOLLOWING ANIMAL GROUPS ARE ALL VERTEBRATES. MATCH THE VERTEBRATE ANIMAL GROUP TO THE CORRECT DEFINITION.**

**MAMMAL**

**BIRD**

**AMPHIBIAN**

**REPTILE**

**FISH**

**A WARM BLOODED ANIMAL WITH FEATHERS**

**A COLD BLOODED ANIMAL WITH DRY SCALY SKIN**

**A COLD BLOODED ANIMAL THAT BREATHEES THROUGH GILLS**

**A WARM BLOODED ANIMAL WITH FUR**



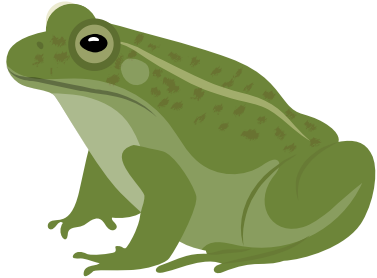

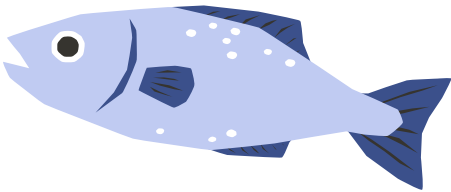

**A COLD BLOODED ANIMAL WITH MOIST SKIN**

# BPCZ KS2 WORKBOOK

## 'WHAT MAKES A MAMMAL'

**3. LABEL THE PICTURES BELOW WITH THE CORRECT ANIMAL GROUP. USE THE WORDS IN THE BOXES BELOW TO HELP YOU.**

FISH	INVERTEBRATE	AMPHIBIAN	MAMMAL	BIRD	REPTILE
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**4. AS YOU WALK AROUND THE ZOO, PUT A TALLY IN THE TABLE WHEN YOU SEE A MAMMAL, BIRD OR REPTILE.**

MAMMAL	BIRD	REPTILE

# BPCZ KS2 WORKBOOK

## 'WHAT MAKES A MAMMAL'

5. CLASSIFICATION KEYS ARE USEFUL FOR SORTING ANIMALS INTO GROUPS. WHICH ANIMAL SHOULD GO IN THE EMPTY BOXES LABELLED A, B, C, D AND E?

**IS THE ANIMAL WARM  
BLOODED?**

**YES**



**NO**



**DOES THE ANIMAL HAVE FUR?**

**DOES THE ANIMAL HAVE DRY  
SKIN?**

**YES**



**A**

**NO**



**B**

**YES**



**C**

**NO**



**CAN THIS ANIMAL  
LIVE OUTSIDE OF  
WATER?**

**YES**



**D**

**NO**



**E**

ANIMAL	BOX
MONKEY	
SNAKE	
PENGUIN	
TOAD	
PUFFERFISH	

# BPCZ KS2 WORKBOOK

## 'WHAT MAKES A MAMMAL'

**6. ANIMALS IN ALL GROUPS ARE FACING EXTINCTION DUE TO HUMANS DESTROYING THEIR HABITATS, TAKING THEM FROM THE WILD TO BECOME PETS OR CLIMATE CHANGE. EXTINCTION MEANS ANIMALS WILL DISSAPEAR FOREVER.**

**ANIMALS AT RISK OF EXTINCTION ARE CALLED ENDANGERED.**

**LOTS OF ANIMALS AT THE ZOO ARE ENDANGERED. THESE PICTURES ON THE ZOO SIGNS SHOW HOW ENDANGERED AN ANIMAL IS.**

**CAN YOU FIND AN EXAMPLE OF A VULNERABLE, ENDANGERED AND CRITICALLY ENDANGERED ANIMAL AS YOU WALK AROUND THE ZOO? WRITE THE ANIMAL UNDER EACH RED CIRCLE. IS THE ANIMAL A BIRD, MAMMAL, AMPHIBIAN, REPTILE, FISH OR INVERTEBRATE?**



**Vulnerable: risk of extinction**



**Endangered: high risk of extinction**



**Critically endangered: very high risk of extinction**

**Animal:** \_\_\_\_\_

**Animal:** \_\_\_\_\_

**Animal:** \_\_\_\_\_

**Classification group:** \_\_\_\_\_

**Classification group:** \_\_\_\_\_

**Classification group:** \_\_\_\_\_

### **EXTENSION TASK – BAR CHARTS**

**LOOK BACK AT THE TALLY CHART YOU MADE IN QUESTION 4 AND USE THAT INFORMATION TO CREATE A BAR CHART.**

**THE CLASSIFICATION GROUP SHOULD GO ON THE X-AXIS (HORIZONTAL LINE) .  
THE NUMBER OF ANIMALS FOUND SHOULD GO ON THE Y-AXIS (VERTICAL LINE) .  
DON'T FORGET TO LABEL YOUR AXES AND GIVE YOUR BAR CHART A TITLE.**