

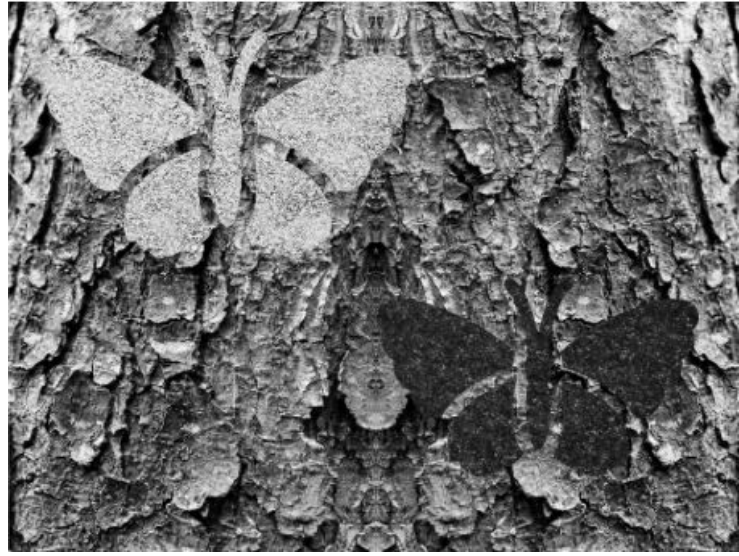
# Ecological relationships and classification

## Lesson 9 - Natural Selection

Biology - Key Stage 3

Miss Lewis





**Keywords:**

variation

mutation

competition

better adapted

survive

breed

pass on genes

**1. What are the differences?**

.....

.....

**2. What are they competing for?**

.....

**3. Which one has the advantage and why?**

.....

.....

**4. Survival of the fittest and breeding**

.....

.....

**5. Passing on of genes**

.....

.....



**Keywords:**

mutation

competition

better adapted

survive

breed

pass on genes

**1. What are the differences?**

Genetic variation due to.....  
.....

**2. What are they competing for?**

The giraffes are competing for .....

**3. Which one has the advantage and why?**

The longer necked giraffes are better adapted because.....  
.....

**4. Survival of the fittest and breeding**

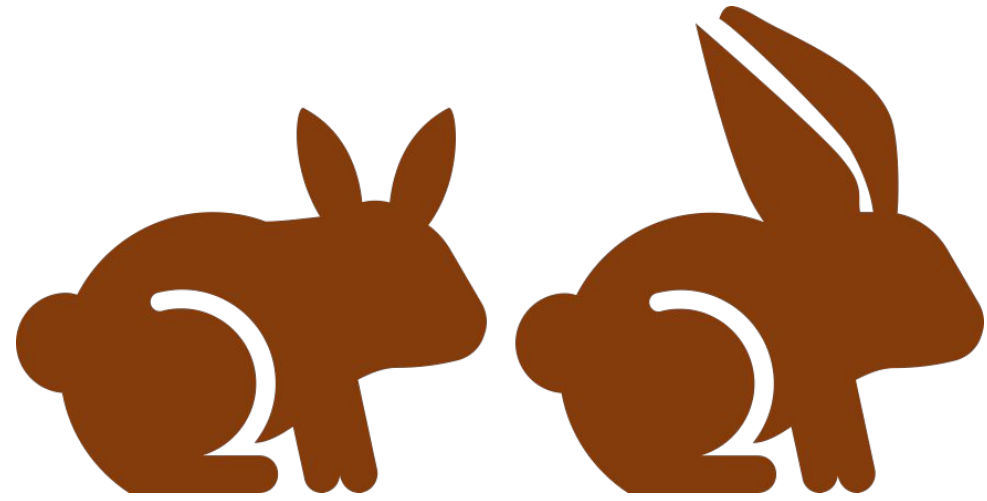
The longer necked giraffes are more likely to.....  
.....

**5. Passing on of genes**

The longer necked giraffes are will be more likely to.....  
.....

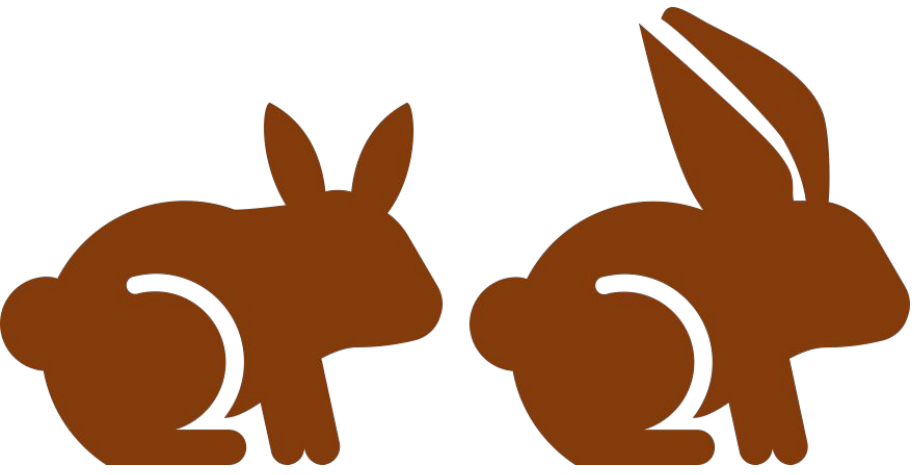


# How have rabbits evolved to have long ears?



Credit: Microsoft





Credit: Microsoft

**Keywords:**

variation

mutation

competition

better adapted

survive

breed

pass on genes

**1. What are the differences?**

.....  
.....

**2. What are they competing for?**

.....

**3. Which one has the advantage and why?**

.....  
.....

**4. Survival of the fittest and breeding**

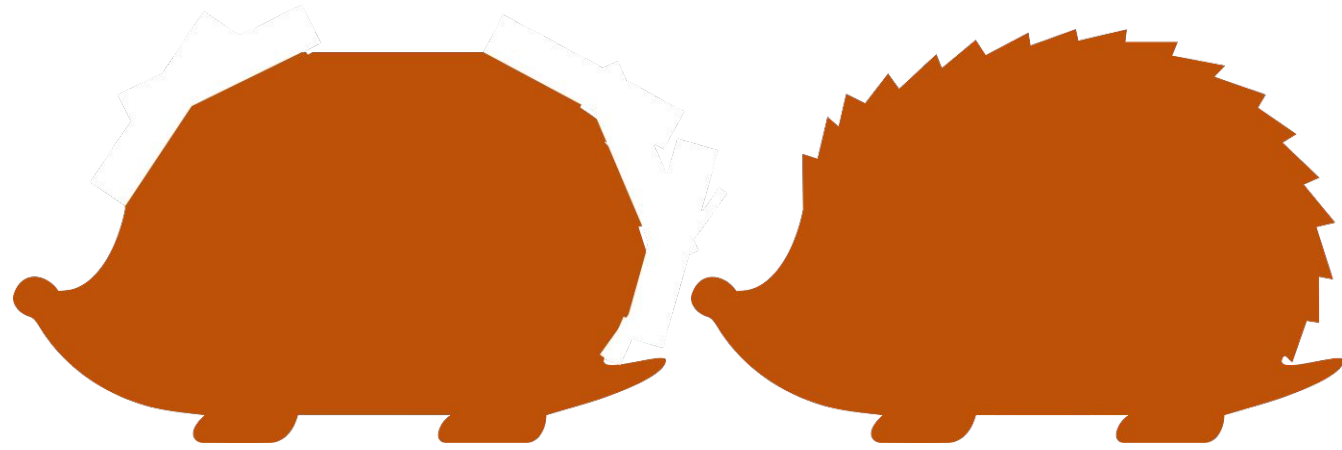
.....  
.....

**5. Passing on of genes**

.....  
.....

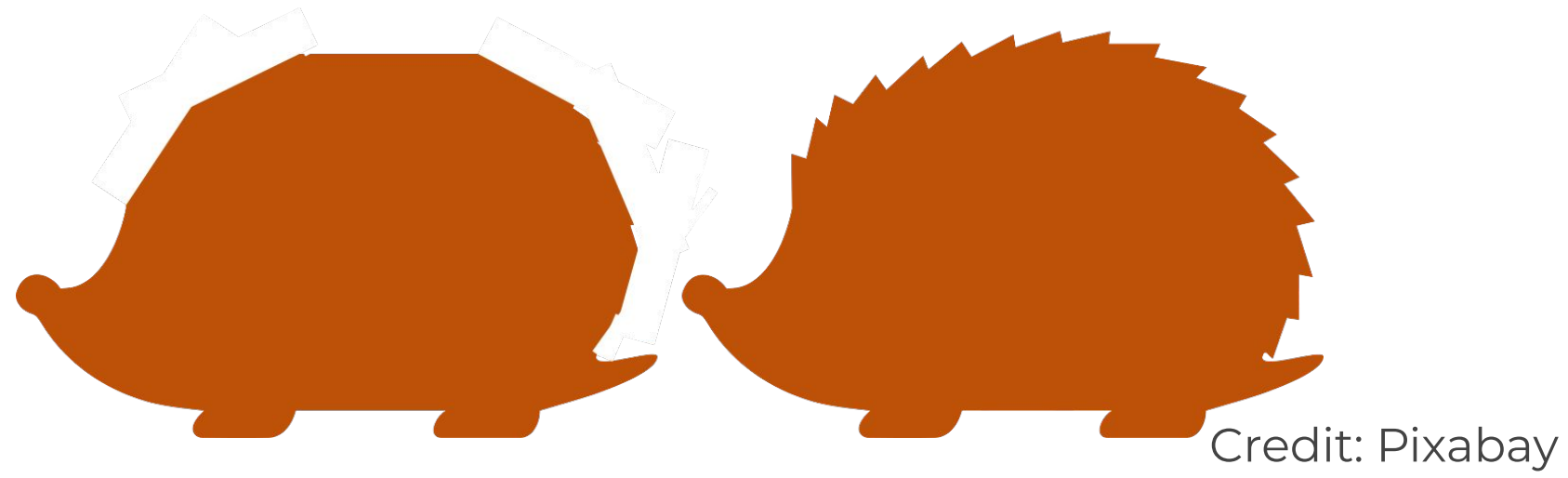


# How have hedgehogs evolved to have spikes?



Credit: Pixabay





**Keywords:** variation, mutation, competition, better adapted, survive, breed, pass on genes

.....

.....

.....

.....

.....

.....

.....

.....

.....



# Exam Style Question

The vole is a small, mouse-like animal. Voles found on some cold islands to the north of Scotland are much larger than voles found in warmer areas such as southern France.

**Explain how natural selection may have caused the northern voles to be larger in size.**



Credit: Pixabay

.....

.....

.....

.....

.....

.....





## 1. What are the differences?

.....

.....

## 2. What are they competing for?

.....

## 3. Which one has the advantage and why?

.....

.....

## 4. Survival of the fittest and breeding

.....

.....

## 5. Passing on of genes

.....

.....

### **Keywords:**

mutation

competition

better adapted

survive

breed

pass on genes



## 1. What are the differences?

.....

.....

## 2. What are they competing for?

.....

## 3. Which one has the advantage and why?

.....

.....

## 4. Survival of the fittest and breeding

.....

.....

## 5. Passing on of genes

.....

.....

### **Keywords:**

mutation

competition

better adapted

survive

breed

pass on genes



**Describe the process of natural selection for the finch with the large beak.**

**Keywords:** mutation, competition, better adapted, survive, breed, pass on genes

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

**Keywords:**

mutation  
competition  
better adapted  
survive  
breed  
pass on genes

