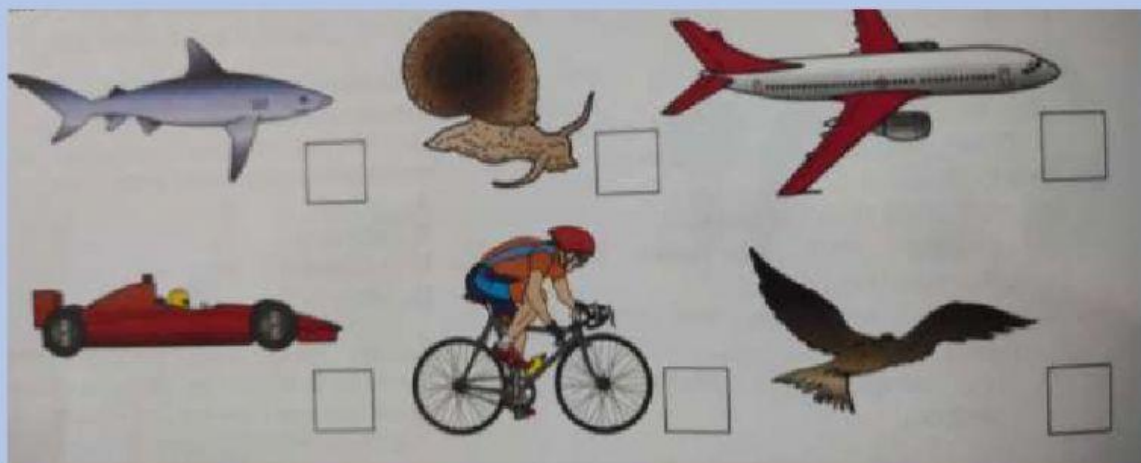


LK.3 Science – SPEED

In this exercise you will be learning to calculate speed and comparing the speeds of various objects and animals

- Here are some objects. Number them 1 – 6 in order of how fast they are. Label 1 for the fastest and 6 for the slowest.



- Use the equation : $Average\ speed = \frac{distance\ travelled}{time\ taken}$ to complete the table

Check that your answer agrees with the labels in question 1

Name of object	Distance travelled (m)	Time Taken (s)	Average Speed (m/s)
Shark	1000	100	
Snail	4	100	
Aeroplane	1.000.000	4000	
Racing Car	5400	90	
Cyclist	10.000	2000	
Bird	250	5	

- These statements refer to a 1500 m race. Tick the three statements which are true

True

False

- The average speed of the winner is the highest
- The average speed of the last runner is the lowest
- The speed of the last runner is the slowest from the start of the race
- The winner's speed throughout the race is the highest

e. The fastest speed of the last runner is the lowest

f. The winner takes the shortest time to complete the race

g. The average speed of the last runner is not the lowest

4. Match the word with correct definition

Motion 

Distance 

Displacement 

Speed 

 the total length of the path travelled by an object.

 distance travelled per unit time.

 the change in the position of an object calculated from the initial point to the end point of its movement

 the change in a position of an object to the point or object of reference.