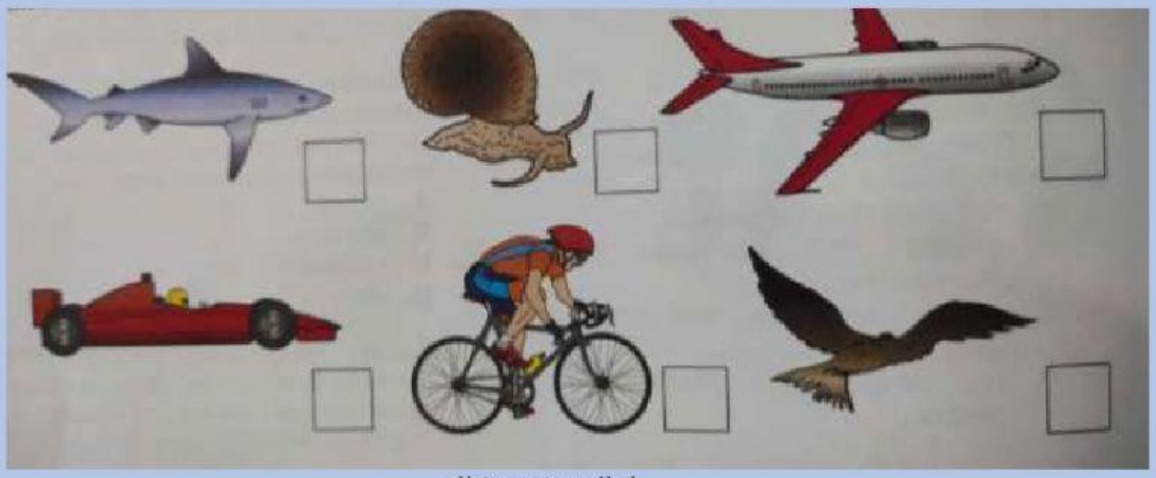
LK.3 Science – SPEED

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

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



2. 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	

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

   True False

   a. The average speed of the winner is the highest
   b. The average speed of the last runner is the lowest
   c. The speed of the last runner is the slowest from the start of the race
   d. The winner speed throughout the race is the highest

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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	the total length of the part travelled by an object.
Distance	distance travelled per unit time.
Displacement	the change in the position of an object calculated from the initial point to the end point of its movement
Speed	the change in a position of an object to the point or object of reference.

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