INDIAN SCHOOL DARSAIT
DEPARTMENT OF SCIENCE

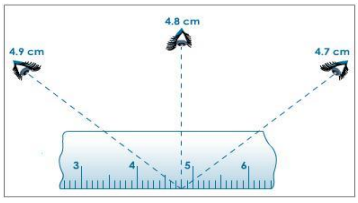
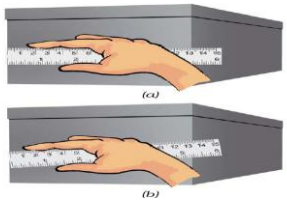
Subject: Science **Topic**: Motion and measurement of Distances **Date of Worksheet**:11/11/2018

Resource Person :Mrs. Saritha Kishore **Date of Submission:**_____

Name of the student: _____ **Class &Div: VI** _____ **Roll No:**_____

<table>
<tr><td>Q1</td><td>Give one word for the following.(1 Mark each)

<table><tr><td>i)</td><td>Distance of the tip of the thumb and small finger of a fully stretched hand.</td><td></td></tr><tr><td>ii)</td><td>Distance between the tip of the middle finger and elbow of an out stretched hand.</td><td></td></tr><tr><td>iii)</td><td>The motion of an athlete running on a straight track.</td><td></td></tr><tr><td>iv)</td><td>The motion of a body in a circular path.</td><td></td></tr><tr><td>v)</td><td>The to and fro motion of a body about a fixed point.</td><td></td></tr><tr><td>vi)</td><td>SI unit of length.</td><td></td></tr></table></td><td>6</td></tr>
<tr><td>Q2</td><td>State whether the statements are true or false(1 Mark each)
i) While measuring length using a meter scale, it does not matter where we place our eye.
ii) When we travel by train or car, the person sitting next to us is at rest with respect to us.
iii) The motion of earth is periodic.
iv) The movement of the Earth around the sun is called rotation.
v) The length of a curved line can be measured with a ruler.
vi)Motion of the needle of a sewing machine is periodic .</td><td>6</td></tr>
<tr><td>Q3</td><td>Name the appropriate unit for measuring the following. (1mark each)
i)Thickness of a coin ii)Length of your eraser iii) The distance between Delhi and Jaipur</td><td>3</td></tr>
<tr><td>Q4</td><td>Name the device used to measure the following(1 Mark each)
i) Cloth for curtain.
ii) Your weight.
iii) Size of your wrist.</td><td></td></tr>
<tr><td>Q5</td><td>Arrange the following in increasing order.(1mark each)
i) 1 km, 5 cm, 10 mm
ii) 1 km, 1 mm, 1 cm, 1 m</td><td>2</td></tr>
<tr><td>Q6</td><td>Identify the types of motion in the following .(1mark each)
i) A car moving in a straight line
ii) The movement of the hands of a clock.
iii) A moving wheel of a sewing machine.
iv) Motion of a striker on the carom board.
v) The wheels of a moving truck.
vi) Motion of a swing periodic.</td><td>6</td></tr>
</table>

Q7	**Answer the following**	
1.	Express the following in meters The thickness of paper is 0.01cm = ____m	1
2.	Radha's house is 6540 meters from her friends house.Calculate the distance in kilometers.	1
3.	Rahul has a rope which is 2 meters long.Express this length in centimeters.	1
4.	How many millimeters are there in 20 centimeters?	1
5.	Why can't we use an angul (finger) or mutthi (fist) as standard unit of measurement of length?	1
6.	Why can't we use elastic tape to measure distances?	1
7.	What is the difference between motion of a falling stone and motion of a stone tied to a thread and whirled with hand?	2
8.	While measuring the length of a knitting needle,the reading of the scale at one end is 4.0cm and at the other end is 44.1cm.What is the length of the needle?	
9.	From the following figure, identify the correct position or method of measuring the length using ruler. Justify your answer. **A.**  **B.** 	3
10	Give two example of each mode of transport used on land, water and air.	3
11.	Give two examples where objects undergo combinations of two types of motion.	3
