

**SAINIK SCHOOL AMARAVATHINAGAR**

**HOLIDAY HOME WORK 2019-2020**

**CLASS: VII**

**SUBJECT: PHYSICS**

<b>S.N O</b>	<b>TOPIC</b>	<b>ACTIVITY</b>	<b>TIME PERIOD</b>	<b>LEARNING OUTCOMES</b>	<b>ANNEXTURE NO.</b>
<b>1</b>	TEMPERATURE & THERMOMETERS	PROJECT WORK	6 HRS	UNDERSTANDING APPLICATIONS	A
<b>2</b>	TRANSFER OF HEAT	QUESTIONS AND ANSWERS	2 HRS	UNDERSTANDING APPLICATIONS	B
<b>3</b>	CONDUCTIVITY	QUESTIONS AND ANSWERS	1 HR	UNDERSTANDING	C

**ANNEXTURE:**

A	TEMPERATURE THERMOMETERS	PROJECT WORK - 2 DESCRIPTIVE QUESTIONS - 1
B	TRANSFER OF HEAT	SIMPLE DESCRIPTIVE QUESTIONS - 3
C	CONDUCTIVITY	REASONING QUESTIONS - 2

**TEACHER'S NAME : Mr P G GNANADURAI**

**SIGNATURE**

**RECOMMENDED BY**

**APPROVED BY**

**VICE PRINCIPAL**

**PRINCIPAL**

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**ANNEXTURE: A**

- 1 Compare the maximum and minimum temperature in your locality for everyday in any one week from the news paper and prepare a weather report based on the obtained data with the help of a graph between temperature and days
- 2 Your class teacher is planning for a class tour to Kanniyakumari. Which month you suggest? Explain the reason based on weather.
- 3 Write short notes with pictures for the following :
  - (a) Clinical thermometer
  - (b) Laboratory thermometer
  - (c) Maximum minimum thermometer
  - (d) Digital thermometer

**ANNEXTURE: B**

- 4 Write a short essay on 'RADIATION' with minimum five examples.
- 5 What is a sea breeze? What are the effects of sea breeze?
- 6 Write any three practical applications of thermal expansion on solids with necessary pictures or diagrams

**ANNEXTURE: C**

7. Give reason for each of the following:
  - a) Cooking utensils are made up of metals.
  - b) Cooking utensils & tea kettles are provided with handles made up of wood & ebonite.
  - c) Woollen Clothes keep us warm in winter.
  - d) The base of cooking utensil is painted black.
8. What kind of clothes you prefer on various seasons. Explain?