St. Andrews Scots Senior Secondary School

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Session: 2026-2027
Worksheet-7

Class - VII	Subject- Science	Chapter- Heat Transfer in Nature

Q1. Define these terms:

a) Aquifers
b) Radiation
c) Conduction
d) Heat
e) Insulators

Q2. Fill in the blanks:

a) _____is the poor conductor of heat.
b) The sun warms the Earth through _____.
c) The unit of temprature is degree _____.
d) Heat transfer by convection occurs in _____.
e) In Ladakh, people make _____to store water during winter.

Q3. Answer the following in one word:

a) Which colour is used to paint the walls in hot places to keep them cool?
b) Which mode of heat transfer causes sea and land breezes?
c) What type of breeze blows from the Sea towards the land during the day?
d) Name a bird that uses rising warm currents to soar high?

Q4. Answer the following questions:

a) Explain the process of the water cycle with a neat and well labelled diagram.
b) How does a sea breeze occur?
c) Why do the people in the desert regions prefer to wear a light coloured clothes?
d) How does heat from the Sun reach the Earth?