

SUBJECT – ENGLISH

CLASS – VI

WORKSHEET-2

1. Read the given passage and answer the questions that follow.

1. Solar technology isn't new. Its history spans from the 7th Century BC down to this day. We started out by concentrating the sun's heat with glass and mirrors to light fires. Today, we have everything from solar-powered buildings to solar powered vehicles. Here you can learn more about the milestones in the historical development of solar technology, century by century, and year by year.
2. Magnifying glasses were used to concentrate the sun's rays to make fire and to burn ants. Greeks and Romans used burning mirrors to light torches for religious purposes. As early as 212 BC, a Greek scientist, Archimedes, used the reflective properties of bronze shields to focus sunlight and to set fire to wooden ships from the Roman Empire which were besieging Syracuse. Although no proof of such a feat exists, the Greek navy recreated the experiment in 1973 and successfully set fire to a wooden boat at a distance of 50 meters. Chinese document the use of burning mirrors to light torches for religious purpose.
3. The famous Roman bathhouses in the first to fourth centuries AD had large south-facing windows to let in the Sun's warmth. In the Roman Period from the Hebrew University of Jerusalem sunrooms on houses and public buildings were so common that the Justinian Code initiated 'Sun rights' to ensure individual access the Sun.
4. Ancestors of Pueblo people called Anasazi in North America live in south-facing cliff dwellings that capture the winter Sun.

1. Tick the correct options.

(a) Which one of the these is true?

(1) Solar technology is new. []

(2) Solar technology is not useful. []

- (3) Solar technology isn't new. []
- (4) Solar technology is a modern-day discovery []
- (b) Archimedes used the reflective properties of
- (1) iron [] (2) bronze []
- (3) gold [] (4) silver []
- (c) Which Roman structures had large south-facing windows to let Sun's warmth?
- (1) sunrooms [] (2) classrooms []
- (3) bathhouses [] (4) palaces []

2. Find words in the passage which are similar in meaning to the ones listed below.

- (a) focus (paragraph 1)
- (b) started (paragraph 2)
- (c) landmarks (paragraph 1)