

Answers

Theme 7: Keeping Us Strong Chapter 7: Our Place to Live

I am ready

Accept all relevant responses.

Icebreaker

Map

In-text Questions (Page 90)

The family had decided to build their house on the branches of a tree.

In-text Questions (Page 91)

The family tied hammocks from the branches of the tree.

I am a learner

- A. 1. b 2. a 3. b 4. c 5. a
- B. 1. Ernest; Fritz
2. A flamingo feather
3. rope; sugarcane stems
4. tent cloth
5. sea
- C. 1. The children made the ladder with rope and sugarcane stems.
2. The father slung the thread over the branches with the help of a makeshift bow and arrow.
3. The Robinson Family decided to live in a tree house because their ship had wrecked and they needed a place to stay.
- D. 1. Accept all relevant responses.
2. William pulled the ladder up behind him to keep away the wild animals.
- E. Accept all relevant responses.
Sample responses: smile, smart, smell, small, smash
- F. 1. c 2. e 3. a 4. b 5. d
- G. 1. ee; c 2. dd; d 3. ff; e 4. oo; b 5. rr; a
- H. 1. skillfully 2. outside 3. always
4. often 5. carefully
- I. 1. No, Lewis Carroll was not a real person.
2. In the story, Alice find the underground world by falling down a rabbit hole.
3. Some characters from Alice in Wonderland are the Mad Hatter, the Queen of Hearts, Tweedledee and Tweedledum.
4. Alice in Wonderland was published in 1865.
5. Comical.
- J. Accept all relevant responses.
- K. Accept all relevant responses.

I am an artist

Accept all relevant responses.

My secret journal

Accept all relevant responses.

I am an all-rounder

- A. 1. Temperature 2. Three
B. 1. Nerves. 2. respiratory; circulatory
C. 1. d 2. c 3. a 4. b

I am a project whiz

Accept all relevant responses.

Students' Worksheets

Worksheet 1

Comprehension

- A. 1. remembers 2. little
3. rose 4. lively
5. laburnum tree; poet's brother
- B. 1. The poet talks about his past and childhood in the poem.
2. Accept all relevant responses.
Sample response: The poet remembers the little window and the laburnum tree planted by his brother.
3. The Sun came peeping in through the little window in the morning.
4. The laburnum tree planted by the poet's brother is still living.
5. The poet wishes that the night had borne his breath away.
- C. 1. The poem is "I Remember, I Remember" and the poet is Thomas Hood.
2. 'He' is used to refer to the Sun.
3. Accept all relevant responses.
Sample response: The Sun was always on time and rose regularly in the morning.
4. Accept all relevant responses.
Sample response: The poet means that the day was never too long because the Sun set on time.
5. The rhyme scheme of the poem is ABCB.

Worksheet 2

Vocabulary

- A. 1. smoky 2. smear 3. smile
4. small 5. smooth
- B. 1. crystal clear 2. pay attention
3. neat and tidy 4. safe voyage
5. close together
- C. 1. rabbit 2. vacuum 3. breeze
4. groove 5. communication

Worksheet 3

- A. 1. usually 2. hourly 3. never
4. always 5. often
- B. 1. towards 2. around 3. outside
4. upstairs 5. everywhere; anywhere
- C. 1. sleepily 2. happily 3. hurriedly
4. neatly; carefully 5. quietly

Grammar

5. The nibs are ground between rollers to make chocolate.
- E. Accept all relevant responses.
- F. Accept all relevant responses.

Worksheet 4

Listening/Speaking/Writing

- A. 1. Alex
2. Alex had been sitting in the sun trying to catch fish.
3. On his way home Alex stopped at the fish shop and ordered four rainbow trout.
4. Alex asked the fishmonger to pick out four large trout and throw the fish at him.
5. Alex would tell his mum that he caught the fish.
- B. Accept all relevant responses.
- C. Accept all relevant responses.

Teacher's Worksheets

- A. 1. The camel lived in the middle of the desert because he did not want to do any work.
2. When anyone spoke to it, the camel only said, "Humph".
3. The Man told the horse, the donkey, and the ox that they would have to do double their share of work.
4. The three animals complained to the Genie of the desert.
5. The hump would store food for the camel and he would not have to eat for many days.
- B. 1. Accept all relevant responses.
2. Accept all relevant responses.
3. Accept all relevant responses.
4. Accept all relevant responses.
5. Accept all relevant responses.
- C. 1. The boat sailed smoothly across the lake.
2. We often see foxes in the forest.
3. It is a lovely day to have a picnic outside.
4. The monkey climbed quickly up the tree.
5. The kitten hid under the bed.
- D. 1. Chocolate is made from the seeds of the cacao tree.
2. Cacao trees need a lot of warmth to grow.
3. When the pods are ripe, they are removed from the tree and cut open.
4. The pulp and the seeds are left to ferment in order to develop the flavour of the bitter cacao seeds.

I am ready

My very excellent mother just served us noodles.

Icebreaker

Satellites

In-text Question (Page 99)

1. Dr Kalam's teacher was Sivasubramania Iyer.
2. The seashore was in Rameswaram.

In-text Question (Page 100)

1. Mr Iyer asked the students where the engine was and how it was powered.

I am a learner

- A. 1. take flight 2. twenty-five minutes
3. seashore 4. flight systems
5. physics
- B. 1. The whole class went to the seashore in Rameswaram to look at birds.
2. My Iyer asked the students to look at the birds.
3. The birds were flying in formations of ten to twenty.
4. The students were amazed when they saw the marvellous formations of birds, moving with a purpose.
- C. 1. All the students loved to attend Sivasubramania Iyer's class because he was a great teacher.
2. The students took fifteen minutes to learn about the flight of birds.
3. Birds and aircrafts use special mechanisms to fly.
- D. 1. When his students did not understand his lecture he took them to the seashore in Rameswaram to look at birds. He did this so that he could give them a practical example of how birds fly.
2. Mr Iyer explained that Kalam should complete his eighth-standard studies and then go to high school. Mr Iyer then suggested that Kalam should go to engineering college and study flight there.
- E. Accept all relevant responses.
- F. Accept all relevant responses.

- G. 1. metre 2. favour 3. labour
4. theatre 5. fibre
- H. 1. at 2. for 3. during
4. in 5. since
- I. 1. Accept all relevant responses.
2. Accept all relevant responses.
3. Accept all relevant responses.
4. Accept all relevant responses.
5. Accept all relevant responses.
- J. 1. e 2. c 3. d 4. b 5. a
- K. Accept all relevant responses.
L. Accept all relevant responses.

I am an artist

Accept all relevant responses.

My secret journal

Accept all relevant responses.

I am an all-rounder

- A. 16m
B. month
C. False

I am a project whiz

Accept all relevant responses.

Poem: The Moon Game

- A. 1. Moon 2. game of phases
3. Full Moon 4. eight 5. silver
- B. 1. False 2. False 3. True
4. True 5. False
- C. 1. The Moon does not look the same every night because it likes to play the game of phases.
2. When the Moon is round it looks like a silver sphere.
3. The phase when the Moon surprises us is called the new moon phase.
- D. 1. Accept all relevant responses.
2. The Moon gets its friendly light from the Sun. The phases of the Moon are full moon, waxing gibbous, first quarter, waxing crescent, new moon, waning crescent, third quarter and waning gibbous.
- E. 1. smile 2. smell 3. smart
4. smooth 5. smoke
- F. 1. play 2. smile 3. surprise
4. friendly
- G. 1. 27 days
2. Since the Moon travels around the Earth in an anticlockwise direction and spins on its own axis at the same rate as it orbits the Earth, we always see the same side.

3. d
4. Accept all relevant responses.
Sample response: The surface of the moon has no wind or weather. There is no air. There is no gravity. During the day it is boiling hot.
5. The first person to step on the moon was Neil Armstrong.
- H. Accept all relevant responses.
I. Accept all relevant responses.

I am an artist

Accept all relevant responses.

My secret journal

Accept all relevant responses.

Students' Worksheets

Worksheet 1

Comprehension

- A. 1. False 2. False 3. True
4. True 5. True
- B. 1. Chandrayaan was the first Indian-built vehicle that India sent to the moon.
2. On 29 August 2009 Chandrayaan lost touch with scientists on Earth and stopped sending messages.
3. The full form of ISRO is Indian Space Research Organisation.
4. Accept relevant responses.
5. The antonym for undeclared is announced.
- C. 1. Chandrayaan was built in India.
2. Chandrayaan was sent to the moon on 22 October 2008. It was sent to send pictures of the moon.
3. On 14 November, 2008, the Indian flag was placed on the moon.
4. When the writer says "The Chandrayaan was an unmanned mission" they mean that there was no crew.
5. Accept all relevant responses.

Worksheet 2

Vocabulary

- A. **Across**
4. EMOTION 5. OPTION
- Down**
1. CAUTION 2. SECTION
3. NATION
- B. 1. neighbour 2. offence
3. travelling 4. recognise
5. humour
- C. 1. a. Accept all relevant responses.
b. Accept all relevant responses.
2. a. Accept all relevant responses.
b. Accept all relevant responses.

3. a. Accept all relevant responses.
b. Accept all relevant responses.
4. a. Accept all relevant responses.
b. Accept all relevant responses.
5. a. Accept all relevant responses.
b. Accept all relevant responses.

Worksheet 3

- A. 1. on 2. during 3. later
4. beginning 5. continuously
- B. 1. since 2. during
3. since 4. during
5. during
- C. 1. in 2. during 3. for
4. since 5. on

Worksheet 4

Listening/Speaking/Writing

- A. 1. Space shuttle 2. Exploration
3. Astronomer 4. Observatory
5. Meteoroid
- B. Accept all relevant responses.
- C. Accept all relevant responses.

Teacher's Worksheets

- A. 1. The world goes dark and still when the sun sinks behind the hill.
2. The sun goes far away to other countries when it sinks behind the hill.
3. The sun goes to other countries to make them warm and bright and gay.
4. The poet hopes that the sun does not forget to come back when all his nightly work is done.
5. Accept all relevant responses.
- B. **British:** honour; enrol; colour
American: honor; defense; neighborhood
- C. 1. Accept all relevant responses.
2. Accept all relevant responses.
3. Accept all relevant responses.
4. Accept all relevant responses.
5. Accept all relevant responses.
- D. 1. c 2. e 3. a
4. b 5. d
- E. Accept all relevant responses.
- F. Accept all relevant responses.

Theme 9: From Signs to Signals

Chapter 9: Robot with a Virus

I am ready

Accept all relevant responses.

Icebreaker

Accept all relevant responses.

In-text Questions (Page 112)

Ricky's parents bought him the latest model of the Bulter Robot.

In-text Questions (Page 113)

Ricky could not find his favourite T-shirt nor his favourite toys.

In-text Questions (Page 114)

The robot was a 'Maximum Efficiency Machine'.

I am a learner

- A. 1. b 2. c 3. b
4. c 5. c
- B. 1. thief 2. parents
3. cook 4. machine
5. friends
- C. 1. Ricky lived in a lovely, futuristic house that had everything a person could ever want.
2. Ricky was suspicious of the robot because he followed it and saw it taking his toys.
3. Accept all relevant responses.
- D. 1. Accept all relevant responses.
2. Accept all relevant responses.
- E. 1. furniture 2. vulture 3. picture
4. fracture 5. puncture
- F. 1. c 2. e 3. b
4. d 5. a
- G. 1. scarf 2. scoop 3. scooter
4. scored 5. scanned
- H. Car makers today have started making eco-cars or environment-friendly cars. An eco-car is a new type of car that use less petrol than ordinary cars. They also reduce the amount of carbon dioxide given out by vehicles. One type of eco-car is the hybrid car. The word 'hybrid' means a combination of two different things. A hybrid car is a car that has two kinds of power: an engine that runs on petrol and a motor that runs on electricity. These cars produce less than half the amount of emissions that regular petrol-driven cars do. This makes these cars more environment-friendly.
- I. 1. when 2. while 3. When
4. while 5. when
- J. 1. while 2. when 3. when
4. while 5. when
- K. 1. Yes 2. No 3. Yes
4. Yes 5. Yes
- L. Accept all relevant responses.
- M. Accept all relevant responses.

I am an artist

Accept all relevant responses.

My secret journal

Accept all relevant responses.

I am an all-rounder

- A. 1. True 2. False 3. True
 B. self-driving car
 C. 1. True 2. False

I am a project whiz

Accept all relevant responses.

Poem: My Robot

I am a learner

- A. 1. robot 2. whirring 3. sing
 4. shiny and intelligent 5. happy
 B. 1. The name of the poem is 'My Robot' by Gareth Lancaster
 2. 'He' is the robot. The robot has learnt how to play the flute.
 3. The word that means 'skillful' is adept.
 4. The robot is skillful because he knows how to play the flute, does the boys homework and folds his vests.
 C. 1. The Robot can play the flute and do homework.
 2. The word that suggest that the robot does things perfectly is 'adept'.
 3. The Robot plays the flute.
 D. 1. Accept all relevant responses.
 2. Accept all relevant responses.
 E. 1. homework. 2. words 3. world
 4. worthy 5. worry
 F. 1. c 2. e 3. d
 4. a 5. b
 G. 1. 50 2. 450 3. 10
 4. 60 5. 500
 H. Accept all relevant responses.
 I. Accept all relevant responses.

I am an artist

Accept all relevant responses.

My secret journal

Accept all relevant responses.

Students' Worksheets

Worksheet 1

- A. 1. 2 2. 1
 4. 3 5. 4

Comprehension

3. 5

- B. 1. kneeling 2. Cambodia 3. teach
 4. important 5. hand
 C. 1. Old dance styles from India use the whole body.
 2. Different cultures use dance to tell stories and teach young people.
 3. Aboriginal Australians dance to celebrate important events and tell stories.
 4. A dancer does not need words to tell stories.
 5. Cambodian dancers use hand gestures to show things from nature. They have hand gestures for flowers, leaves and fruit.

Worksheet 2

Vocabulary

- A. Accept all relevant responses.

Sample responses: future, creature, feature, nature

B.

S	C	A	N	B	H
S	C	A	L	P	S
C	C	J	D	W	C
O	E	O	V	F	A
P	I	B	R	G	R
E	T	P	S	E	E

- C. Berta is a robot it was bought by the kalras. It can perform various tasks such as washing clothes, cleaning, dusting, doing the dishes and chopping vegetables. Berta helps Mrs Kalra around the house. Even though Berta can perform several tasks, some tasks are performed by Mrs Kalra herself. Robots can help human beings immensely but they cannot replace them.

Worksheet 3

Grammar

- A. 1. e 2. c 3. d
 4. a 5. b
 B. 1. so 2. or 3. Since
 4. but 5. Though
 C. 1. if 2. since 3. so
 4. because 5. but

Worksheet 4

Listening/Speaking/Writing

- A. 1. Make tasks simpler for human beings.
 2. human beings.
 3. human beings.
 4. natural intelligence.
 5. artificial intelligence.
 B. Accept all relevant responses.
 C. Accept all relevant responses.

Teacher's Worksheets

- A. 1. Henry Ford 2. Pearl of India
3. Maharaja of Gwalior
4. The Nizam of Hyderabad
5. ninety
- B. 1. c 2. d 3. a
4. e 5. b
- C. 1. while 2. when 3. and
4. since 5. so
- D. 1. True 2. False 3. False
4. True 5. False
- E. Accept all relevant responses.
F. Accept all relevant responses.

Enrichment Activities

- A. Accept all relevant responses.
B. Accept all relevant responses.
C. Accept all relevant responses.
D. Accept all relevant responses.
E. Accept all relevant responses.
F. Accept all relevant responses.

Revision for Fun

- A. 1. always; F 2. quickly; M 3. sometimes; F
4. here; P 5. everywhere; P
- B. 1. c 2. e 3. d 4. b 5. a
- C. on; under; above; at
- D. **American:** color; gray; meter
British: defense; offense
- E. 1. while 2. but 3. if
4. so 5. when
- F. 1. Accept all relevant responses.
2. Accept all relevant responses.
3. Accept all relevant responses.
4. Accept all relevant responses.
5. Accept all relevant responses.