

# Answers

## Theme 9: How Do We Survive? Chapter 13. Bridges: Then and Now

### Main Coursebook

#### Re-KAP

**Kinaesthetic:** Accept all relevant responses.

#### Auditory:

Rabindra Setu – Kolkata

Golghar – Patna

India Gate – New Delhi

Aerospace Museum – Bengaluru

Rock Garden – Chandigarh

Jantar Mantar – New Delhi/Jaipur

#### Pictorial:



**Interacting Better:** Accept all relevant responses

Possible Answers: (architects, engineers, electricians and carpenters)

#### Understanding Better (Page 81- Top)

1. false
2. true

#### Understanding Better (Page 81-Bottom)

1. Meghalaya
2. Arunachal Pradesh

#### Learning Better

- A. 1. a      2. c      3. c  
4. a      5. c
- B. 1. true      2. false      3. true  
4. false      5. true

- C. 1. A bridge is a physically built structure that helps us go from one side of rivers, roads, forests, etc. to another.

2. A bridge which is made by guiding the roots of trees to grow in knitted patterns is known as living root bridge.
3. asphalt
- D. 1. Bridges help us go from one side of rivers, roads, forests, etc. to another. They connect different parts of the country with each other. As mobility improves, people have better access to schools, hospitals, offices, etc. This helps the overall development of the country.
2. While constructing these wonders, we must ensure that there is no irreversible harmful impact on our environment. Constructing new buildings and bridges results in the cutting down of trees and removal of natural vegetation which impacts the lives of many humans and animals alike. We need to ensure that this loss of nature is as little as possible.

**Creating Better:** Accept all relevant responses.

**Thinking Better :**Accept all relevant responses.

Possible Answer: Root bridges can only grow in specific places where the right types of trees are found. They need the right climate and soil, which makes it hard to grow them everywhere.

**Choosing Better:** Answer: 1.

**Revising Better:** Accept all relevant responses.

#### Through My Eyes

1. Wheat
2. South America and Africa
3. Asia
4. Wheat
5. Asia

### Students' Worksheets

#### Worksheet 1

- A. 1. physically      2. cross  
3. easily      4. development  
5. high above
- B. 1. STEEL      2. STONE

3. BRICK

4. CEMENT

5. ASPHALT

C. 1. False

2. False

3. True

4. False

5. True

### Worksheet 2

A. 1. bridge

2. mobility

3. access

4. special

5. 9.5 km

B. 1. No

2. Yes

3. Yes

4. No

5. Yes

C. 5. (✓)

### Worksheet 3

A. 1. Bridge

2. Roads

3. Ropes

4. Roots

5. Riwai village

B. 4. (✓)

C. 1. (✓)

## Book of Holistic Teaching

### Developing better

#### A. English:

1. Although

2. and

B. **Maths:** Accept all the relevant responses.

#### C. Science:

The bicycle causes the least air pollution, as it does not use any fuel and does not release harmful gases into the air.

## Book of Project Ideas

### Making better

Accept all relevant responses.