# Answers

#### Main Coursebook 🗸

#### Re-KAP

Kinaesthetic: Accept all relevant responses.

#### Auditory:

- 1. The Himalayas
- 2. Three (Himadri, Himachal and Shiwalik)

#### **Pictorial**:

- 1. Winter
- 2. Accept all relevant responses.

Interacting better: Accept all relevant responses.

#### Understanding better: (Page 29)

- 1. Greenland
- 2. Denmark

#### Learning better:

- A. 1. a snow, ice3. cold winters
- the North Pole
   huskies
- 5. Nuuk
- 2. cold 4. igloos
- B. 1. Polar Regions3. thick

  - 5. hunting
- C. 1. Those who live in the northernmost region of the island, build igloos or snow-houses for winters. An igloo is made with large blocks of ice. It is dome-shaped.
  - 2. Kayaks are small boats, used to hunt sea animals. They use a broader boat called umiak to hunt whales.
  - Saira couldn't go on a jungle safari in Greenland because it lacks forests and jungles, being mostly covered by ice and tundra.
- D. 1. Greenland is cold year-round because it is located near the Arctic Circle, covered with ice and snow, and receives limited sunlight. Almost 80 per cent of the island is always covered with ice and snow. Icebergs are a common phenomenon here.
  - 2. Inuits engage in fishing and hunting. Boats are of great importance to Inuits. They are used as a means of transportation as well as for hunting. Kayaks are small boats, used to hunt sea animals. They use a broader boat called umiak to hunt whales. Inuits use sledges to move from one place to another on land.

#### Creating better:

Accept all relevant responses.

#### Thinking better:

Accept all relevant responses.

#### Choosing better: 1

# Students' Worksheets 🗸

#### Worksheet 1

- A. 1. Heat 2. Greenland
  - 3. Huskies 4. igloo
- 5. Umiak
- B. 1. False 2. False 3. True
  - 4. False 5. False
- c. Accept all relevant responses. Possible answer: The long and cold winter lasts for nine months. Chilly winds blow along with heavy snowfall. Polar nights take place during winters. This means that the Sun does not rise for more than 24 hours. The summer season, on the other hand, is cool and short, lasting for only a couple of months. The coastal areas of Greenland are very bright and sunny during summer.

#### Worksheet 2

- A. 1. Icebergs 2. no 3. ice
  - 4. Umiaks 5. Nuuk
- B. 1. False
   2. False
   3. False
  - 4. True 5. False
- C. 1. Greenland 2. arctic
- Nuuk/Godthab
   igloo
   kayak

# Worksheet 3

- A. 1. North Pole, Arctic Circle
  - 2. tou pigs 3. Inuits
  - 4. parkas 5. Ilulissat
- **B.** 3.
- C. 1. POLES 2. SNOW 3. SEAL 4. IGLOO 5. ISLAND

# Book of Holistic Teaching «

#### Developing better

- A. English:
  - 1. birds
- B. Maths: 43
- C. Science:

The movement of animals from colder regions to warmer places during winter is known as migration.

2. circle

# Book of Project Ideas 4

#### Making better

Accept all relevant responses.

# Answers

#### Theme 3: Why Are We Different? Chapter 5. Exploring Rainforests and Grasslands

#### Main Coursebook 🧹

#### **Re-KAP**

Kinaesthetic: Accept all relevant responses.

#### Auditory:

- 1. Pine
- 2. Needle-like leaves

#### **Pictorial**:

Terrace farming is practised in the picture. Rice, maize, potato, tea and coffee are some crops that are cultivated.

Interacting better: Accept all relevant responses.

#### Understanding better: (Page 35)

- 1. Downs
- 2. The Rivers Mississippi and Missouri

#### Understanding better: (Page 36)

- 1. The Torrid or Tropical Zones
- 2. River Congo

#### Learning better:

- A. 1. C 2. C
  - 3. a 4. a
  - 5. C
- B. 1. false 2. false
  - 3. true 4. true
  - 5. true
- C. 1. Prairie is a French word. It means 'a grassland'. They are located in North America. The prairies stretch from Canada to Mexico (north-south), thereby covering the land in the middle of North America.
  - 2. Coyotes, bison and Prairie dogs are some animals found here.
  - Saima does not opt for a car or bus because the DRC (Democratic Republic of Congo) is separated by water, making ship travel the only option.
- D. 1. The prairies are flat and fertile lands. The Rivers Mississippi and Missouri run through

the prairies. They are big rivers. The prairies experience hot summers and cold winters. Moderate rainfall takes place in summer. The grasslands have a semi-arid climate.

2. The Tropical rainforests play a significant role in producing oxygen through the process of photosynthesis. Thus, they are also known as the 'lungs of the Earth'.

#### Creating better:

Accept all relevant responses.

#### Thinking better:

Accept all relevant responses.

#### Choosing better: 2

#### Students' Worksheets

#### Worksheet 1

- A. 1. Temperate Zones
  - 2. prairies
  - 3. semi-arid
  - 4. Central
  - 5. Kinshasa
- B. 1. e. 2. a.
- 3. d. 4. b.
- 5. C.
- C. Accept all relevant responses.

#### Worksheet 2

- A. 1. French
  - 2. Torrid or Tropical Zones
  - 3. Kinshasa
  - 4. Steppes
  - 5. evergreen
- B. 1. False 2. False
  - 3. False 4. True
  - 5. True
- C. 1. VELDS 2. SILOS
  - 3. BISON 4. TORRID
  - 5. PRAIRIES

#### Worksheet 3

- A. 1. North America
  - 2. fertile

- 3. milk, meat
- 4. Amazon basin
- 5. Bantus
- B. 1. False 2. True
  - 3. True 4. True
  - 5. True
- C. Accept all relevant responses. Possible answer:
  - 1. The Torrid Zones are the closest to the equator on both sides.
  - 2. These Zones lie between Tropic of Cancer and Tropic of Capricorn and the equator.
  - 3. They are also called Tropic Zones.
  - 4. These regions experience hot and humid climate all year round.
  - 5. The Tropical Zone is home to equatorial rainforests and hot deserts.

### Book of Holistic Teaching 🧹

#### **Developing better**

- A. English:
  - 1. reared
  - 2. engaged

#### B. Maths:

What fraction of these animals are cows?

Total animals = 28 cows + 12 buffaloes = 40 animals.

Fractin of cows =  $\frac{28}{40} = \frac{7}{10}$ 

What fraction of these animals are buffaloes?

Fraction of buffaloes =  $\frac{12}{40} = \frac{3}{10}$ .

#### C. Science:

Yes, bison can play a role in seed dispersal. Reason:

Bison eat plants and fruits and the seeds pass through their digestive system unharmed. When they excrete in different areas, the seeds are dispersed, allowing plants to grow in new locations. Additionally, their movement can help bury seeds into the soil.

#### Book of Project Ideas

#### Making better

Accept all relevant responses.

# Answers 🗧

### Theme 3: Why Are We Different? Chapter 6. Hot Deserts

#### Main Coursebook 🗸

#### **Re-KAP**

Kinaesthetic: Accept all relevant responses.

#### Auditory: Deserts

Pictorial: Desert



Interacting better: Accept all relevant responses.

#### Understanding better: (Page 41)

1. Wadis 2. Cactus

#### Understanding better: (Page 42)

- 1. false
- 2. false

#### Learning better

- A. 1. Africa 2. Arid
  - 3. Saudi Arabia 4. Camel
  - 5. Riyadh
- B. 1. false
   2. false

   3. true
   4. false
- 3. 1100 4. 1
- 5. true
- C. 1. The Sahara and the Kalahari Deserts are in Africa.
  - 2. Bedouins are the nomadic inhabitants of the Arabian Desert.
  - The Bedouins do not face water scarcity in summer because they are skilled at finding water sources like wells and oases in the desert.
- D. 1. A cactus has a fleshy stem and roots that store water. This is how a cactus can survive the harsh climate of a hot desert.
  - 2. Bedouins are nomads who inhabit the Arabian and the Sahara Deserts. Their livelihood depends on rearing sheep, camels and horses. In summers, Bedouins stay near an oasis. They trade animals and animal products for food grains, dates, etc.

STEM: Accept all relevant responses.

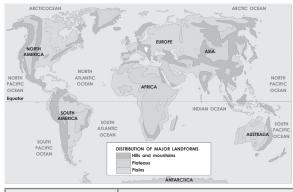
Creating better: Accept all relevant responses.

#### Thinking better:

No, a polar bear would not survive in a hot desert because it is adapted to cold climates and lacks the ability to handle extreme heat.

#### Choosing better: 1

#### Through My Eyes (Page 45)



Name of the Continent	Name of the Countries
ASIA	JAPAN INDIA BHUTAN
South America	PERU BRAZIL ARGENTINA
NORTH AMERICA	CANADA UNITED STATES OF AMERICA MEXICO
EUROPE	ITALY FRANCE GREECE DENMARK
AFRICA	EGYPT SOUTH AFRICA
AUSTRALIA	AUSTRALIA

#### Students' Worksheets (

#### Worksheet 1

- A. 1. Torrid
- 2. Saudi Arabia
- 4. camel
- sandy
   Riyadh

- B. 1. True
  - 3. False
  - 5. False
- C. 1. Asia 2. Africa
  - 3. Asia 4. Africa
  - 5. Australia

### Worksheet 2

- A. 1. hot
  - 3. Camels 4. oasis
  - 5. skyscrapers
- B. 1. d. 2. e.
  - 3. b. 4. C
  - 5. a.
- c. Accept all relevant responses. Possible answer:

2. False

4. True

2. nine

- 1. Summer in Saudi Arabia spans from May to September.
- 2. The days are very hot and dry. Nights are relatively cool.
- 3. Winter lasts from October to April, during which the days are warm and the nights are very cold.

4. desalinating

- 4. The regions near the coast experience a moderate temperature.
- 5. Sandstorms blow during all seasons.

#### Worksheet 3

- A. 1. Africa 2. west
  - 3. harsh
  - 5. Bushmen

- B. 1. Arabian
  - 3. baobab
  - 5. Jeddah

3. SAND

- C. 1. OASIS 2. CACTUS
  - 4. SEDGE
- 5. SCORPION

#### Worksheet 4

- A. 1. desert
- 4. Riyadh

2. September

- water
   Medina
- **B**. 2.
- c. Accept all relevant responses.

# Book of Holistic Teaching

# Developing better

- A. English: 2
- B. Maths: The summer season lasts 5 months (May, June, July, August, September).
   Total months in a year = 12.
   Fraction of summer months = 5/12.
- C. Science:
  - 1. Camel
  - 2. Desert fox

# Book of Project Ideas «

#### Making better

Accept all relevant responses.

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- 2. cactus
  - 4. camel