



11-12 YEARS | WEEK 04

Geography-Concepts

1. Building a House

2. Continents

3. Word search- Geography

4. Deep Down the earth

5. Hey, Watch Out

6. Word search- Geography

7. Fun with geography

8. Word search

9. Earth science - Rock cycle

10. Earth Science - Layers of the earth

11. Earth Science - Time zones

12. Earth Science - Earth Zones

13. Choose and write- Maps

14. Recall and write- Zones

15. Fill in the blanks

16. Choose and circle

17. Earth Science- Seasons

18. Choose and write- Layers

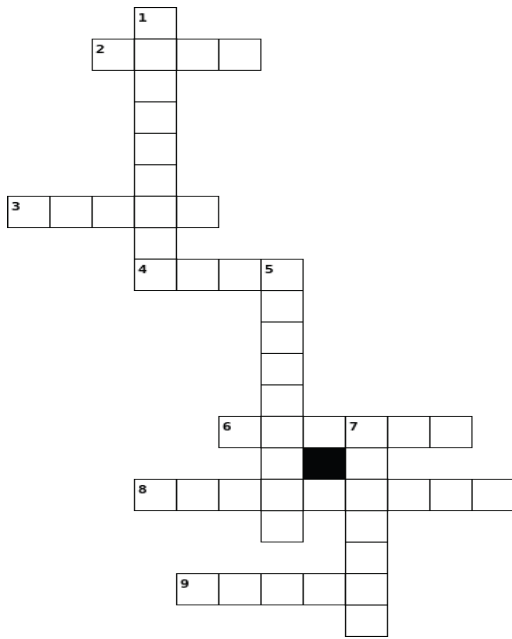
19. Identify and write

20. Identify and mark- Map

Building a House

Did you know that The Great Pyramid of Giza was the tallest structure in the world for over 3,800 years? And It is said to have been constructed from over 2,300,000 blocks of limestone.

Can you answer these questions and complete this crossword?



Across

- 2 Is used to make windows and doors
- 3 A house made of blocks of ice
- 4 A house made of cloth
- 6 Solid blocks used in building house
- 8 We store things in
- 9 Cement, Bricks, Metals and wood are required to build

Down

- 1 A house that floats on a river
- 5 A house which is not permanent
- 7 A house on wheels

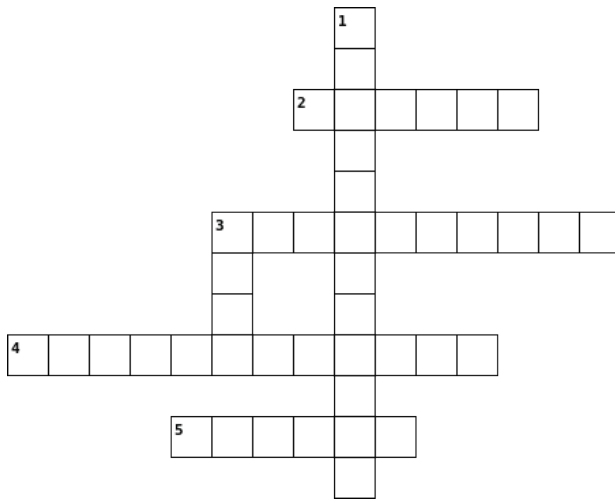
Answers

1. Houseboat 2. Wood 3. Igloo 4. Tent 5. Temporary 6. Bricks 7. Caravan 8. Storeroom 9. Pucca

Continents

How well do you know your maps?

Can you identify each continent and solve this easy crossword?



Answers
1. North America 2. Australia 3. Europe 4. South America 5. Asia
6A. Antarctica 6D: Africa

Wordsearch- Geography

Z	H	Y	S	O	K	O	B	K	D	T	B
K	T	M	M	R	G	N	I	R	P	S	T
Y	Z	V	J	S	B	F	G	I	C	Y	V
X	S	J	E	S	E	L	O	P	C	W	R
F	E	Q	V	N	O	I	T	A	T	O	R
C	C	O	R	E	U	D	I	R	R	O	T
N	Y	M	C	P	N	S	Q	L	J	H	A
M	A	L	A	T	I	T	U	D	E	S	Q
H	O	H	L	Q	R	C	R	U	S	T	M
N	H	V	G	Y	B	W	E	G	P	G	I
Z	E	A	R	T	H	D	A	Y	V	E	A
R	J	K	A	G	W	F	A	N	W	J	W

- 1 The area between Tropic of Capricorn and Tropic of Cancer is
- 2 The planet known as Earth's twin
- 3 The parallel circles from the equator to poles are called
- 4 Two end points of axis are called
- 5 The movement of earth on its axis
- 6 The period of rotation is known as
- 7 The vernal equinox is also called as
- 8 The thinnest layer of Earth is
- 9 The innermost layer of Earth is

Answer:

1 Torrid 2 Venus 3 Latitudes 4 Poles
 4 Rotation 5 Earthday 6 Spring 7 Spring 8 Crust 9 Core

Deep Down the earth

The Earth's crust is a thin layer that extends on average around 30 km below our feet, containing mostly silicate and basaltic rocks. The crust of the Earth also contains various minerals, fossil fuels and other types of rocks which are used by humans on a daily basis



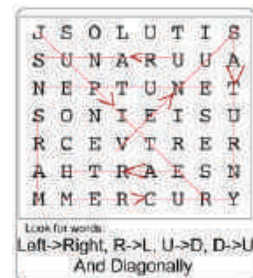
Using the hints below can you find the words in the word Gym

1. What can you find deep down the earth? (Find 5 items)

B A U X I T E G
 I S P W N W F K
 I B G Y O H C X
 F L S P R W O Q
 E W K D I Y P C
 I B K L W E P T
 T L A O C K E X
 V F E G H E R Y

- 2a) What Fuels vehicles use for running? (Find 6 fuels in the word gym)
- 2b) What are the type of vehicles which use those fuels? (Find 5 vehicles)

P	X	W	S	W	Q	G	L	P	G	K	G
P	K	Q	O	Y	K	Q	P	Z	O	K	I
B	W	R	L	B	F	G	C	L	X	T	C
A	F	A	A	D	X	K	P	W	N	S	A
T	G	L	R	W	I	I	T	D	J	C	R
T	R	L	O	R	T	E	P	Z	X	O	P
E	L	J	C	H	A	W	S	E	R	O	N
R	G	T	K	E	S	M	P	E	H	T	M
Y	N	Z	L	T	M	L	N	J	L	E	H
V	C	C	M	V	T	L	A	P	L	R	K
L	Y	D	R	I	C	K	S	H	A	W	E
C	V	P	T	B	B	U	S	Z	A	D	L

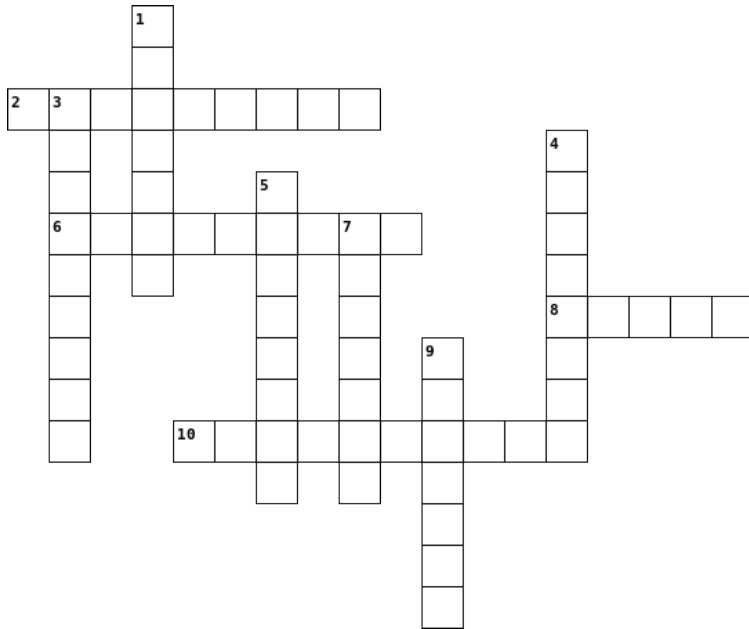


Answers:

1 Coal, Iron, Copper, Bauxite, Gold
 2a Battery, LPG, Solar, Diesel, CNG, Petrol
 2b Bus, Car, Rickshaw, Scooter, Cycle

Hey, Watch Out

Seed-dispersing animals are essential to the maintenance of tropical rainforest ecosystems. These animals can vary in size, from a tiny flowerpecker to a massive mammal such as an elephant, but they are all attracted to the fruit reward that surrounds the seeds of the plant.



Across

- 2 A storm with hail
- 6 downward falling of a mass of rock on or from a steep slope
- 8 Overflowing Of water
- 10 A series Of vibrations induced in the earth's crust

Down

- 1 Vent in the earth's Crust through which lava, Steam etc., are expelled
- 3 large mass Of ice detached from a mountain slope and sliding suddenly
- 4 any large fire that spreads rapidly and is hard to extinguish
- 5 a heavy and prolonged snowstorm covering a wide area.
- 7 extended period of dry weather
- 9 unusually large sea wave produced by a seaquake

Answers

1 Volcano 2 Hailstorm 3 Avalanche 4 Wildfire
 5 Blizzard 6 Landslide 7 Drought 8 Flood

Wordsearch- Geography



- 1 The oldest mountain range in the world
- 2 An elevated flat table topped land is called as
- 3 The uplifted block between two faults is called as
- 4 Rivers of ice are called
- 5 Wearing of Earth is called as
- 6 The name of the strait which separates India from Sri Lanka
- 7 The other name of western Ghats is
- 8 The capital of Lakshadweep is

Answer:
 1 Aravalli 2 Plateau 3 Horts 4 Glaciers
 5 Erosion 6 Palk 7 Sahyadri 8 Kavaratti

Fun with geography

L	N	A	I	L	A	R	T	S	U	A	S
S	I	A	W	A	K	I	D	B	Z	A	A
Y	T	T	Y	A	N	G	T	Z	E	T	Y
T	R	X	H	T	R	E	O	R	M	T	A
S	O	R	Z	O	Z	Z	E	O	E	S	V
A	G	T	N	J	S	H	S	V	I	A	W
H	E	T	M	O	P	P	E	A	U	K	W
A	N	H	V	S	H	R	H	V	M	Y	A
R	Z	H	O	E	E	Y	L	E	G	T	G
A	V	X	R	S	S	C	X	Q	R	I	Y
L	E	E	T	R	F	F	H	E	A	E	F
A	T	Y	W	M	D	U	W	X	W	W	O

- 1 The area where Oxygen, Nitrogen, CO2 and other gases are found
- 2 The largest continent on Earth is
- 3 Which domain consists of Solid rocks
- 4 The topmost layer of Atmosphere
- 5 Largest hot desert in the world
- 6 The continent termed as Island continent
- 7 The most important river in China
- 8 The major component of atmosphere is
- 9 The highest peak in the world is mount _____

Answer:

1 Atmosphere 2 Asia 3 Lithosphere 4 Exosphere
 5 Sahara 6 Australia 7 Yangtze 8 Nitrogen
 9 Everest



Word search



There are ten geographical words hidden in the word gym, can you find them all?

i	s	s	i	t	t	u	e	s	i	l	a	i	s
u	x	a	i	d	l	l	e	x	n	s	s	m	d
e	v	e	m	x	g	u	n	s	t	i	t	e	u
o	u	o	l	n	a	r	o	n	a	e	e	t	e
i	l	n	s	a	e	l	o	u	u	g	r	e	x
t	i	o	i	a	t	q	q	o	o	g	o	o	t
i	d	e	n	v	t	i	u	e	n	x	i	r	e
t	i	d	s	g	e	e	t	i	e	t	d	o	q
a	g	e	d	t	i	r	l	u	n	t	s	i	u
n	i	a	e	u	y	t	s	l	d	o	i	d	a
u	d	t	l	t	a	q	u	e	i	e	x	s	t
q	i	i	i	a	e	m	s	d	q	t	a	d	o
i	m	d	y	i	x	x	i	e	e	i	e	a	r
y	a	e	l	i	m	y	e	d	s	s	s	e	t

Help box

meteoroids

universe

galaxy

equinox

equator

satellite asteroids

latitude

axis

longitudes

S: Earth science - Rock cycle



A series of processes on the surface and inside Earth that slowly changes rocks from one kind to another are called rock cycle. Find the words related to the rock cycle in the below grid. Words are hidden horizontally, vertically and diagonally.

a	l	c	o	o	l	i	n	g	o	r	d	i	n	a	t	e	s
m	n	o	t	c	e	s	l	m	a	g	m	a	q	w	u	i	e
p	m	e	t	a	m	o	r	p	h	i	c	r	o	c	k	h	d
m	n	g	t	m	e	l	t	i	n	g	b	a	q	w	u	s	i
p	o	i	u	w	e	a	t	h	e	r	i	n	g	f	g	h	m
a	s	d	f	g	h	t	k	i	p	o	t	a	w	q	r	y	e
g	h	y	s	v	b	e	u	w	n	a	z	u	l	e	w	s	n
m	s	e	d	i	m	e	n	t	a	r	y	r	o	c	k	i	t
p	o	i	u	y	t	r	e	e	e	q	n	s	d	e	e	h	m
a	c	o	m	p	a	c	t	i	o	n	y	t	r	o	c	k	i
p	o	i	h	y	t	n	o	r	t	h	a	s	s	f	g	h	s
i	g	n	e	o	u	s	r	o	c	k	q	u	a	t	o	r	k

magma

rock

sediment

compaction

weathering

melting

cooling

Igneous rock

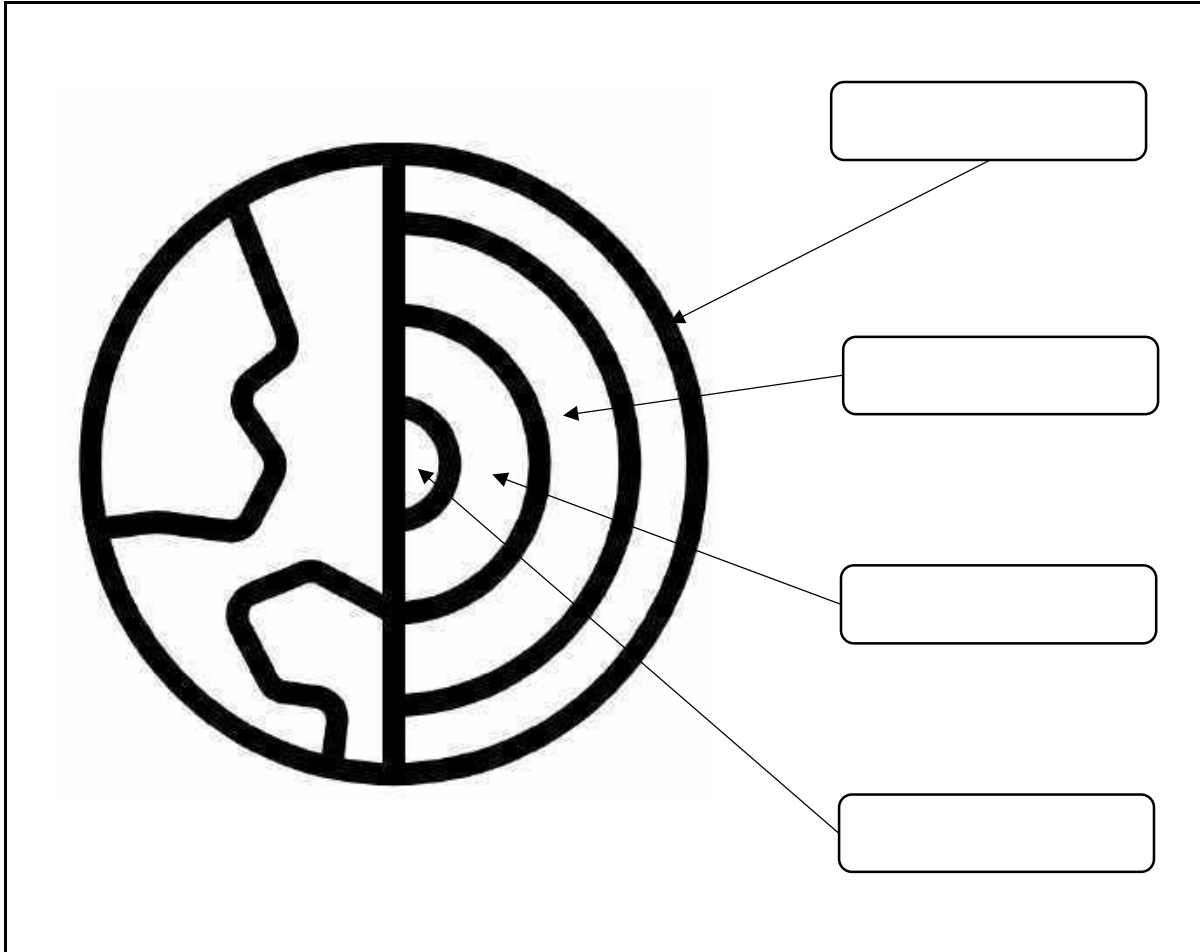
sedimentary rock

metamorphic rock

S: Earth Science - Layers of the earth



The structure of the earth is divided into four major layers: the crust, the mantle, the outer core, and the inner core. Label each layer of the Earth and describe them in the space given below.



Crust

Mantle

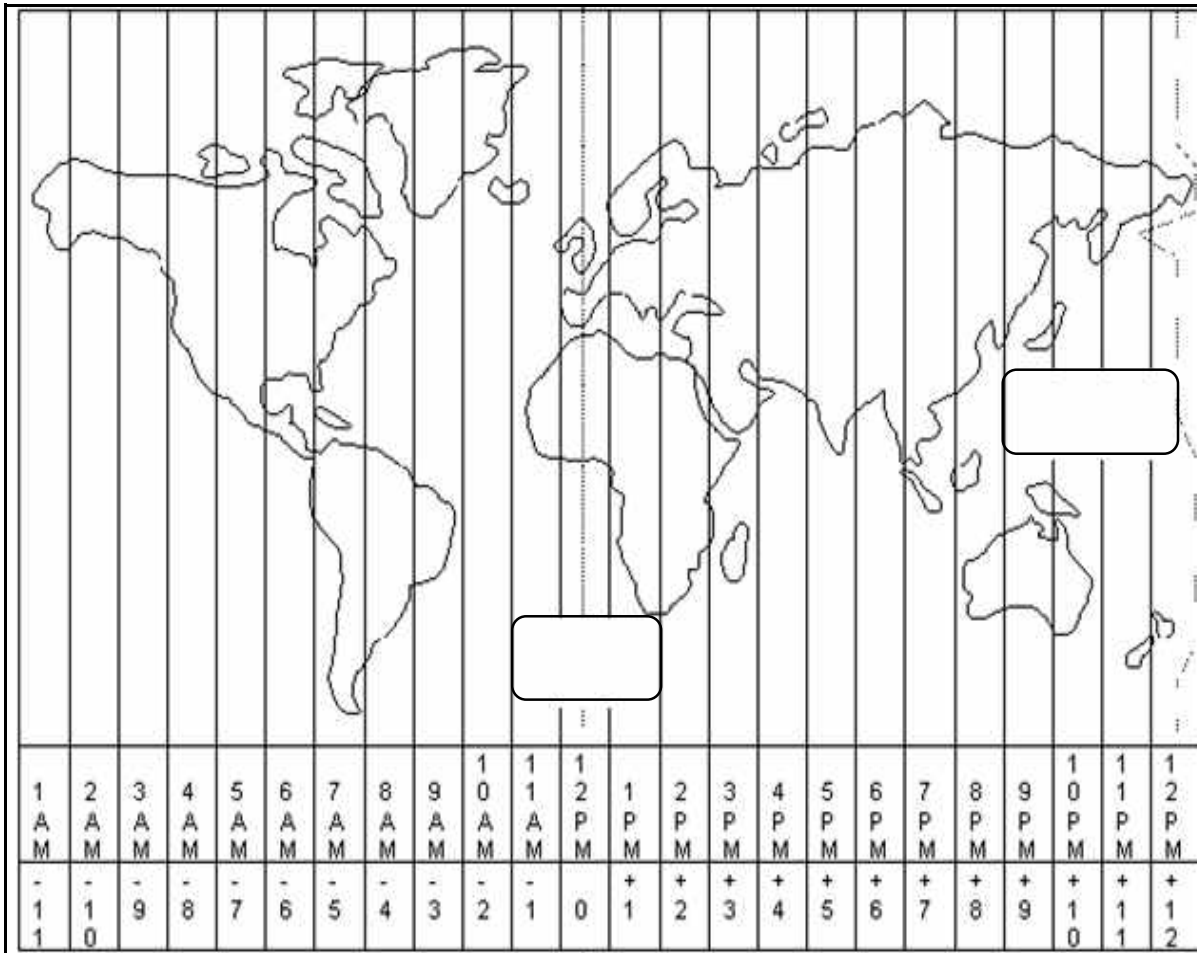
Outer core

Inner core

S: Earth Science - Time zones



A time zone is an area that observes a uniform standard time for legal, commercial and social purposes. The earth rotates anticlockwise direction. Therefore, moving east from prime meridian we add one hour for every time zone. Moving west, we subtract one hour for every time zone. Read the instructions given below and complete the task.



- 1 Label Prime Meridian and International date line on the map.
- 2 Calculate and write the time at each of the locations given.

Austria _____

Italy _____

France _____

Egypt _____

S: Earth Science - Earth Zones



The Earth has five zones. These zones tell us about the climate. They are marked by lines of latitude. Draw the zones of Earth and label them.

A large, empty rectangular box with a solid black border, intended for drawing the Earth's climate zones and labeling them.



Choose and write



How much do you know about maps? Test your knowledge with these questions based on maps. Refer to the help box.

1. Maps showing the natural features of the earth such as mountains, plateaus, plains, and rivers etc. are called _____.
2. A _____ can be used when we want to study the earth as a whole.
3. _____ is an instrument used to find the main direction.
4. A _____ is based on memory and spot observation and not to scale.
5. _____ provides more information than a globe.
6. Blue color is used for showing _____.
7. _____ is the ratio between the actual distance on the ground and the distance shown on the map.
8. When large areas like continents or countries are to be shown on a paper then we use a _____.

Help box

small scale map

globe

Compass

sketch

oceans and rivers

Atlas

Scale

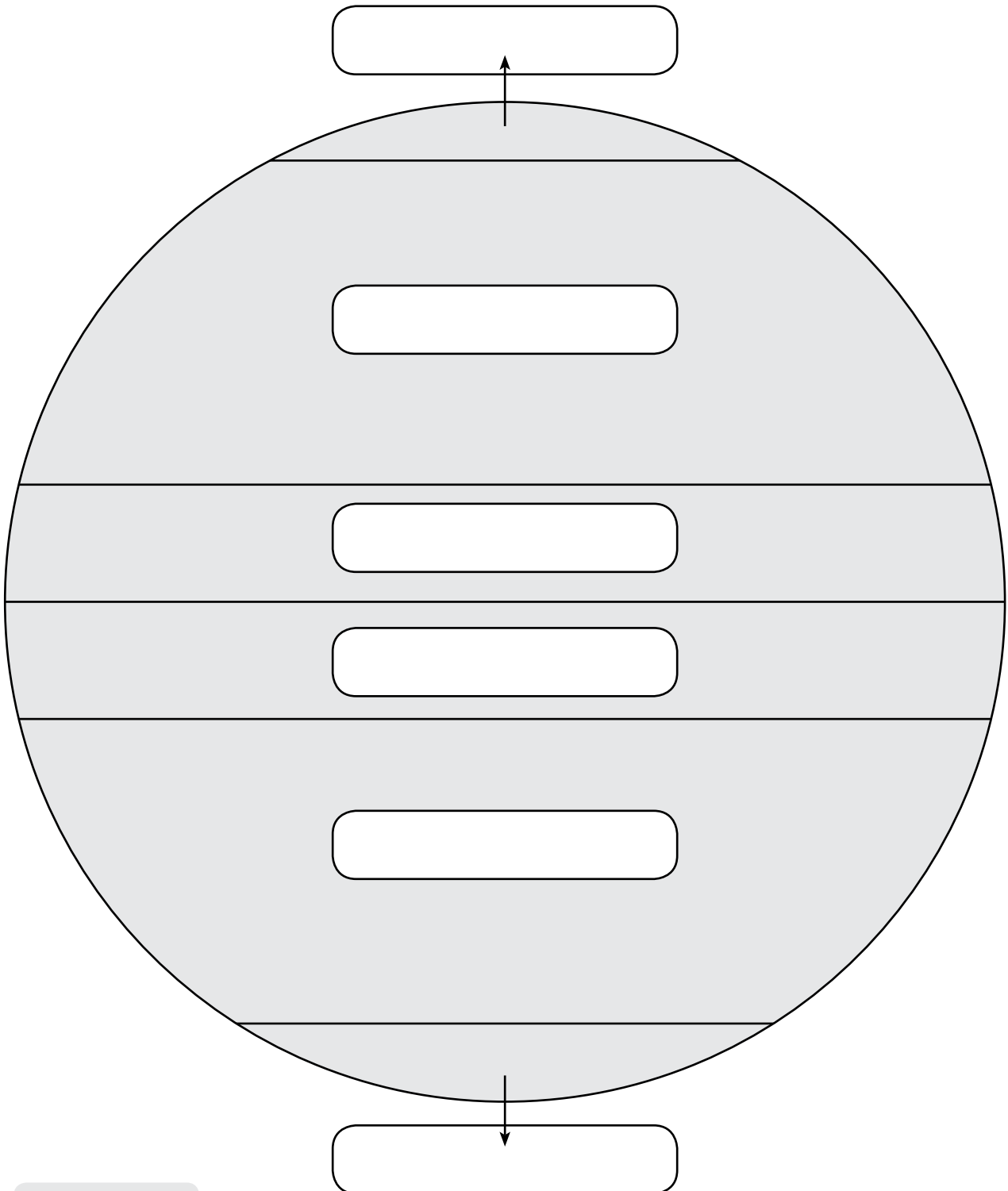
physical map



Recall and write



Suppose below is the planet we live on. Do you know about the different zones? If you do mark them in the spaces given below.



Help box

Polar Zone

Temperate Zone

Tropical Zone

Fill in the blanks



Fill in the blanks to complete the following sentences. Use the keywords given below.

Emotions allow other people to _____ us.

Being grateful is not just about saying "_____".

Have you ever lost your _____?

_____ is a mixture of anger and disgust.

_____ can turn little things into huge things.

Keywords

temper

jealousy

understand

thank you

worrying

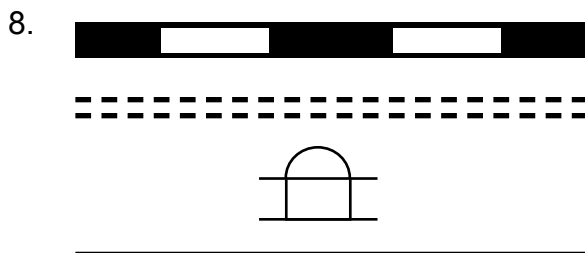


Choose and circle



Circle the odd one out.

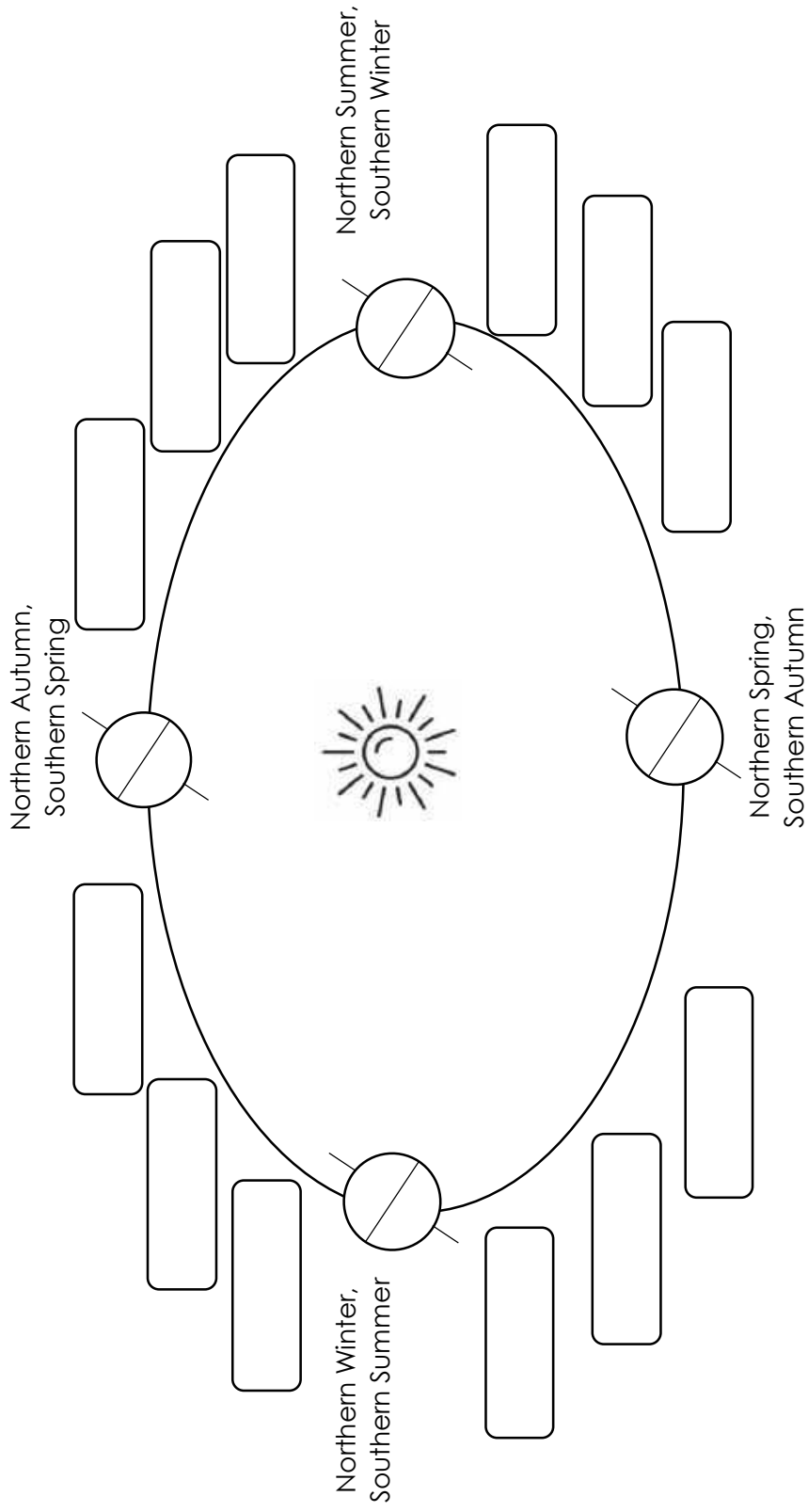
1. Ursa Major, BigBear, Saptarshi, North Star
2. sun, planets, axis, meteoroid
3. prime meridian, torrid zone, frigid zone, temperate zone
4. leap year, summer solstice, winter solstice, equinox
5. scale, thematic map, physical map, political map
6. north, south, right, west
7. litho, visage, bio, atmo



S: Earth science - Seasons



Seasons occur on Earth because Earth is tilted and it travels around the Sun once each year. As Earth travels, different parts of it tilt toward the Sun. This affects the amount of light and heat that the different parts of Earth receive. Label the months of the seasons at each location.





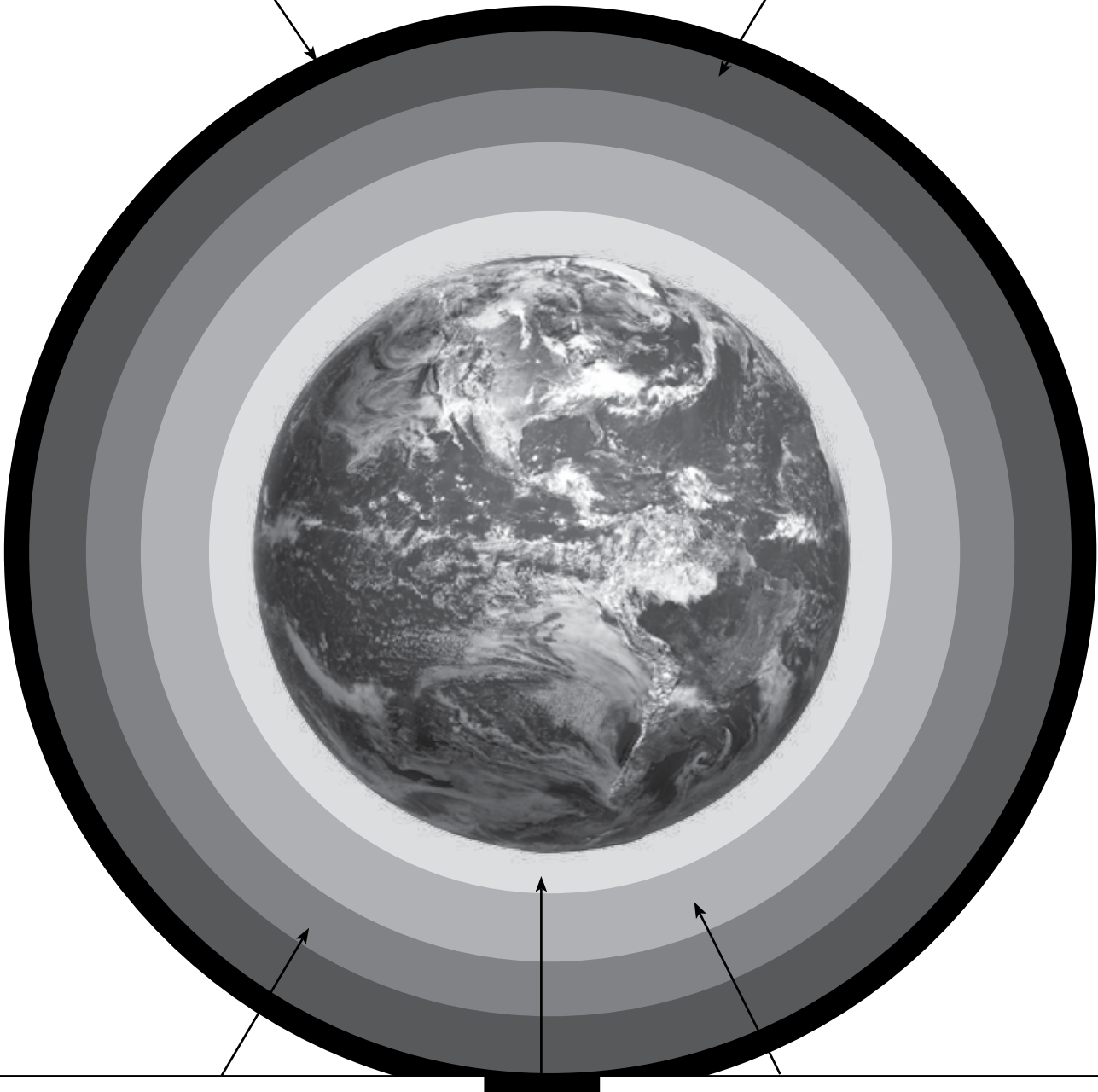
Choose and write



You must have studied about the layers of the atmosphere. Write the names of all the layers of the atmosphere you can identify in the picture given below:

1

2



3

4

5



Identify and write



Read the sentences and identify the answers using your geographical knowledge of the world.

1. The longest parallel of latitude.

2. Name the angular distance of a place north or south of the equator.

3. This is the Standard Meridian of India.

4. The imaginary lines that are passing through both North Pole and South Pole.

5. Planet also known as blue planet.

6. This is the hottest zone on earth.

7. This tropic lies $23\frac{1}{2}$ degree south of the equator.

8. The number of digits in the standard time of Russia.



Identify and mark



On a physical map of India, mark the following.

Bay of Bengal; Deccan Plateau; Thar Desert; Arabian Sea;
Eastern and Western Ghats; Garo Hills

