

Alternate Educational Plan for the Month of February 2021-22

Class: 5th std

Subject: Environmental Science

Month: February

Sl no	Month/ Week	Main learning abilities	Learning activities	Evaluation
1	February First Week Chapter 13 Amazing Energy	They will understand the meaning of the word 'work'.	1. Activity Sheet 1 : Write the name of any five works you do.	<ul style="list-style-type: none"> Tell the meaning of the word 'work'. How do we know that 'work' has been done?
		They will know that energy is necessary to do the work	1. Activity Sheet 2: Write down what works are being done in the figure given in page 162.	<ul style="list-style-type: none"> How do we get energy? Is power only present in humans? Think.
		They understand different forms of energy and are aware of the uses of different forms of energy	1. Answer the questions given in Activity Sheet 3. 2. Answer the questions given in Activity Sheet 4.	<ul style="list-style-type: none"> What are the different forms of energy? While preparing the cooking, the lid of the container on the burning stove shakes. What is the reason?
2	Second week of February Chapter 13 Amazing Energy	Recognize the energy changes from one form to another form	1. Activity Sheet 5 : Write down the energy changes from which form to which form in the given examples.	<ul style="list-style-type: none"> Collect pictures of solar energy devices and make an album.
		Know the importance of conservation of energy	1. Activity Sheet 6 : Using a hint write down the alternative energy from the given activity.	<ul style="list-style-type: none"> Rub your palms together several times. Then touch the palm to the face. What

				experiences will you experience. Why?
3	Third week of February Chapter 14 The Sky	Learn about the sun and its family	<ol style="list-style-type: none"> 1. Identify the names of the planets in the table given in Activity Sheet 7. 2. Observe the picture of the solar system given in Activity Sheet 8 and answer the questions given. 3. Activity Sheet 9: List the daily and annual movement period of planets. (Note page number 188) 	<ul style="list-style-type: none"> • How many planets are there in the solar system? • Which planet takes a short period of time to revolve around the sun?
		Learn about the features of planets	1. Activity sheet 10 gives the features of some planets. Write the name of the planet that has been given to them.	<ul style="list-style-type: none"> • Which planet is there with rings?
4	Fourth week of February Chapter 14 The Sky	Know about Meteoroids, asteroids, comets and moon.	1. Classify and write down the celestial bodies given in Activity Sheet 11.	<ul style="list-style-type: none"> • What is the earth's natural satellite?
		Learn about the features of Meteoroids, asteroids, comets	1. Write down the important features of celestial bodies given in Activity Sheet 12.	<ul style="list-style-type: none"> • Which celestial bodies are called 'falling stars'?

Alternative Educational Plan 2021-22

Activity Sheet: 1

Class: 5

Subject: Environmental Studies Month: February 2022 (FirstWeek)

Chapter 13: Amazing Energy

Write down any 10 works you do.

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

Activity Sheet: 2

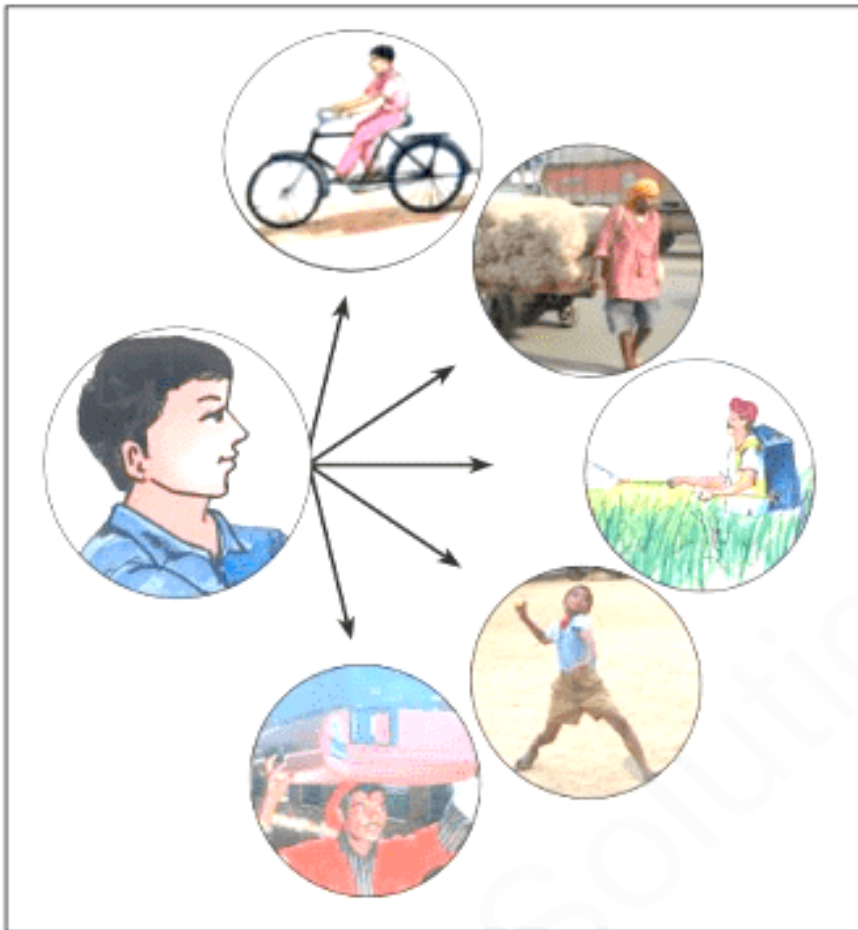
Class: 5

Subject: Environmental Studies

Month: February 2022 (First Week)

Chapter 13 : Amazing Energy

Write down what works are being done in the figure given below.



- _____
- _____
- _____
- _____
- _____

Activity Sheet: 3

Class: 5

Subject: Environmental Studies

Month: February 2022 (First Week)

Chapter 13 : Amazing Energy

Answer the following questions given below.

1) Write any 4 things you do using muscle strength.

1. _____ 2. _____

3. _____ 4. _____

2) Write any 2 works you do in your home using mechanical energy.

1. _____ 2. _____

3) Write any 2 works you do with heat in your home.

1. _____ 2. _____

4) Write 2 works done by wind energy.

1. _____ 2. _____

Activity Sheet: 4

Class: 5

Subject: Environmental Studies

Month: February 2022 (First Week)

Chapter 13 : Amazing Energy

Answer the following questions given below.

1) Name the works done using water energy.

2) Write any 4 works you do using an electric device in your home.

1. _____

2. _____

3. _____

4. _____

3) Name two works done by bio energy.

1. _____

2. _____

4) Name 4 devices that work using fuel in your home.

1. _____

2. _____

3. _____

4. _____

Activity Sheet: 5

Class: 5

Subject: Environmental Studies

Month: February 2022 (Second Week)

Chapter 13 : Amazing Energy

In the following examples, write the form in which energy changed from which form.

Example	Form of energy	Changed form of energy
1. Movement of petrol car		
2. Beating tabla		
3. Ironing the cloth		
4. Drying of pappad in the sun		
5. Cooking using biogas		
6. An electric bulb lights when turbine rotates		

Activity Sheet: 6

Class: 5

Subject: Environmental Studies Month: February 2022 (Second Week)

Chapter 13 : Amazing Energy

Using a hint write the alternative energy that can be saved by the following activities.

Activity	Saveable alternative energy
1. Travelling by bicycle	
2. Washing clothes in hand	
3. Generating electricity from air	
4. Cooking in Gobar Gas	
5. Not switching on radio when there is no electricity	

Activity Sheet: 7

Class: 5

Subject: Environmental Studies Month : February 2022 (ThirdWeek)

Chapter 14 : THE SKY

Identify the names of planets in the solar system in the table given below.

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

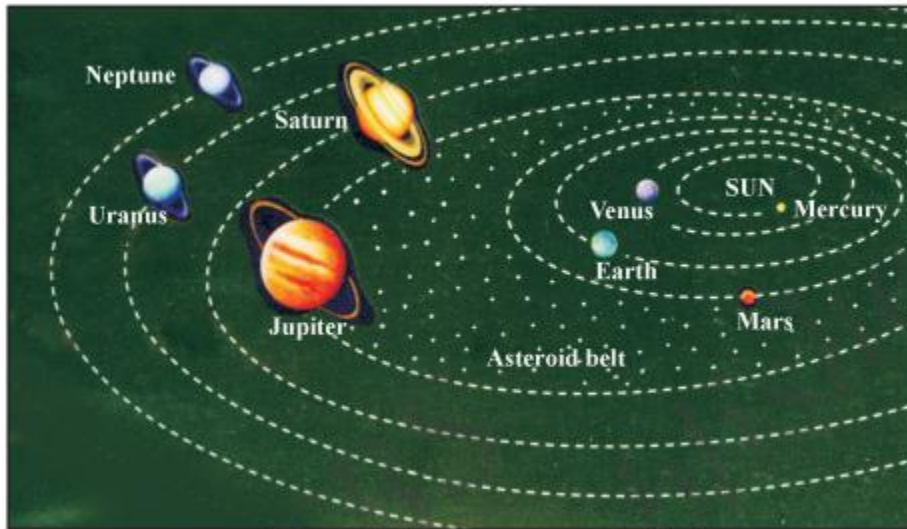
Activity Sheet: 8

Class: 5

Subject: Environmental Studies Month: February 2022 (Third Week)

Chapter 14 : THE SKY

Observe the following picture of the solar system and answer the following questions given below.



7. What position has the planet Earth from the Sun?

8. Write the names of the planets of the solar system in succession.

1. How many planets are there in the solar system?

2. Which planet is closest to the Sun?

3. What planet are we living on?

4. What is the largest planet in the solar system?

5. Which is the smallest planet in the solar system?

6. Which planet is the farthest from the Sun?

Activity Sheet: 9

Class: 5

Subject: Environmental Studies Month: February 2022 (Third Week)

Chapter 14 : THE SKY

Observe page number 188 of the textbook and list the daily and annual movement periods of the planets.

Name of planets	Duration of earth's rotation Daily	Annual duration of earth's revolution
Mercury		
Venus		
Earth		
Mars		
Jupiter		
Saturn		
Uranus		
Neptune		

Activity Sheet: 10

Class: 5

Subject: Environmental Studies

Month: February 2022 (Third Week)

Chapter 14 : THE SKY

The features of some planets are given below. Write the name of the planet that was mentioned in front of them.

K.No	Feature of the planet	Name of the planet
1	Red Planet	
2	Bright planet	
3	The largest planet	
4	Blue-Green Planet	
5	Only planet with life	
6	A planet with a period of more than a year one day	

Activity Sheet: 12

Class: 5

Subject: Environmental Studies Month: February 2022 (Fourth Week)

Chapter 14 : THE SKY

Write the important features of the celestial bodies given below.

Celestial bodies	Key Features
Meteoroids	
Asteroids	
Comets	