

APPENDIX

ACHIEVEMENT TEST

Name:

STD VII

Time: 40 min

Sub: Geography

Marks: 50

I. Choose the correct answer. Each question carries 1 marks

(1) Which is not a natural ecosystem?

- (a) Desert (b) Aquarium (c) Forest

(2) Which is not a component of human environment?

- (a) Land (b) Religion (c) Community

(3) Which is a human made environment?

- (a) Mountain (b) Sea (c) Road

(4) When precipitation comes down to the earth in the liquid form it is called

- (a) Cloud (b) Snow (c) Rain

(5) Which is not a means of communication?

- (a) Telephone (b) books (c) table

(6) Which type of road is constructed under the ground?

- (a) Fly over (b) expressways (c) subways

(7) Which mode of transport is most suitable to reach an island?

- (a) Ship (b) train (c) car

(8) Which vehicle does not pollute the environment?

- (a) Cycle (b) bus (c) Aero plane

(9) Which of the following gases protects us from harmful sun rays?

- (a) Carbon dioxide (b) Nitrogen (c) ozone

(10) Which of the following layers of the atmosphere is free from clouds?

- (a) Troposphere (b) stratosphere (c) Mesosphere

II. Fill in the blanks. Each question carries 1 marks

1. _____ is the third layer of the atmosphere.
2. The upper most layer of the atmosphere is known as _____.
3. The place, people, things and nature that surround any living organism is called _____.
4. Components of environment are natural, human and _____.
5. _____ is the solid crust or the hard top layer of the earth.

III Match the following

- | | |
|-------------------|---|
| 1. Caspian Sea | (a) Streams of water moving along definite paths |
| 2. Tide | (b) Strong seismic waves |
| 3. Tsunami | (c) Periodic rise and fall of water |
| 4. Ocean currents | (d) Largest lake |
| 5. Water cycle | (e) evaporation |
| 6. Biosphere | (f) Domain of water |
| 7. Atmosphere | (g) Relation between the organisms and their surroundings |
| 8. Hydrosphere | (h) Blanket of air which surrounds the earth |
| 9. Environment | (i) Human made environment |
| 10. Road | (j) our surroundings like air, water, land human |

IV Tick (✓) for true and (X) false. (10 marks)

1. Human is a component of environment.
2. 5 June is celebrated as world environment day.
3. Growing population is a threat to environment.
4. water convert into water vapour is called as precipitation.
5. Troposphere is the most important layer of the atmosphere.
6. Stratosphere lies over troposphere.
7. Nitrogen is the most plentiful gas in the air.
8. Rhythmic rise and fall of ocean water is called tide.
9. There is only one component in the environment.
10. Troposphere layers of atmosphere is free from clouds.

V Short answer question. Each question carries 2 mark.

- (1) What do you mean by natural environment?
- (2) Give four examples of human made environment?
- (3) Which two gases make the bulk of the atmosphere?
- (4) Which are the most important layer of the atmosphere?
- (5) Which gas creates green house effect in the atmosphere?

VI. Draw a diagram of water cycle. (5 marks)

REACTION SCALE

Name of the Student: _____ Class: _____

Name of the School: _____ Date: _____

Gender: _____ Age: _____

INSTRUCTIONS

1. The given reaction scale is to find out your reaction towards the instructional material.
2. This reaction scale contains 15 statements each with 5 rating points-
 - a. Highly Satisfied
 - b. Satisfied
 - c. Not sure/Undecided
 - d. Not satisfied
 - e. Highly not satisfied
3. Read the statements carefully and tick the (√) mark on the column in front of the statement according to your choice.
4. Your responses will be kept confidential, answer honestly.
5. Do not leave any statements unanswered.

Made by
Anil lodhi
Class - M.Ed
College - R.I.E. Bhopal

REACTION SCALE

S.NO.	STATEMENT	HIGHL Y SATISF IED	SATIS FIED	NOT SURE/ UNDE CIDED	NOT SATIS FIED	HIG HLY NOT SATI SFIE D
1.	Do you like learn through ICT					
2.	Do you like learn through traditional approach					
3.	Is ICT creating learning situation more interesting					
4.	Is ICT helps you to understand the essence of the subject Social science					
5.	Is ICT based learning enhance your self confidence					
6.	Is ICT has no effect on Social science learning					
7.	Is ICT based learning decreases student's interest towards lesson					
8.	Is ICT facilitates students learning					
9.	Is ICT approach increases the interaction between the students					
10.	Is ICT approach decreases the interaction between the students					
11.	Is ICT based learning approach enables students to relate knowledge with the life experiences					
12.	Are you able to understand other concepts of Environment through Videos					
13.	Are you able to evaluate yourself through ICT					
14.	Is ICT help to increase your understanding of concept					
15.	Is ICT help you to think in a better way					

LESSON PLANS

PLANNING OF LESSON 1

Class- VII

Subject- Social Science

Teaching method- Constructivist approach with Multimedia Teaching approach

Specific objectives-

1. Student will be able to know the environment.
2. Student will be able to know the components of environment.
3. Student will be able to know the ecosystem.

Teachings aids- computer, Cards, Projector and Multimedia program

Keywords- Environment, Ecosystem, Biosphere etc.

Previous knowledge- Children have basic knowledge about Environment.

	Teacher Activity	Student Activity
Engage	Teacher show the video of Environment to introduce the lesson. 1. What is Environment? 2. What is Component of Environment? 3. What is ecosystem? Teacher will ask the questions. 1. What do you understand by natural environment? 2. What do you understand by ecosystem?	Students will analysis the video. Students will answer these kind of questions.
Explore	Teacher will divided the student into group for discussing the topic. Environment and ecosystem.	After divided the group students discuss the topic. Then they answer the questions ask by the teachers.

	<p>After 5 minute discussion teacher will ask questions to students.</p> <ol style="list-style-type: none"> 1. Define ecosystem 2. Give some examples of ecosystem. 3. What is difference between biotic and a biotic. 	
Explain	<p>Teacher ask student to explain the topic.</p> <ol style="list-style-type: none"> 1. Environment 2. Ecosystem 	One student from each group explain the topic one there understanding level.
Elaborate	<p>Teacher explain ecosystem, components of Ecosystem. If students have some problems in understanding. Then ask the questions</p>	Student answer the questions
Evaluation	<p>Draw the Diagram shoe the components of ecosystem. Write a Examples of Human Environment.</p>	Students respond

Recapitulation- What is Ecosystem, components of Environment, Define Environment.

Home assignment- Student give the examples of the ecosystem.

LESSON PLANS

Planning of lesson TWO

Class- VII

Subject- Social Science

Teaching method- Constructivist approach with Multimedia Teaching approach

Specific objectives-

1. Student will be able to know the Air
2. Student will be able to know the Atmosphere
3. Student will be able to know the composition of atmosphere

Teachings aids- computer, Cards, Projector and Multimedia program

Keywords- Air, atmosphere, nitrogen, oxygen, layers etc.

Previous knowledge- Children have basic knowledge about Air.

	Teacher Activity	Student Activity
Engage	<p>Teacher show the video of Air and composition of Atmosphere to introduce the lesson.</p> <ol style="list-style-type: none">1. What is atmosphere?2. What is composition of atmosphere?3. What is air? <p>Teacher will ask the questions.</p> <ol style="list-style-type: none">1. What do you understand by atmosphere?2. What do you understand by Gas?	<p>Students will analysis the video.</p> <p>Students will answer these kind of questions.</p>
Explore	<p>Teacher will divided the student into group for discussing the topic.</p> <p>Air and Atmosphere.</p> <p>After 5 minute discussion teacher will ask questions to students.</p> <p>Define atmosphere</p>	<p>After divided the group students discuss the topic. Then they answer the questions ask by the teachers.</p>

	Give some examples of gas. What is difference between gas and Atmosphere.	
Explain	Teacher ask student to explain the topic. Air Atmosphere	One student from each group explain the topic one there understanding level.
Elaborate	Teacher explain Atmosphere, composition of Atmosphere. If students have some problems in understanding. Then ask the questions	Student answer the questions
Evaluation	Draw the Diagram shoe the composition of Atmosphere. Write a Examples of gas.	Students respond

Recapitulation- What is Air, composition of Air, Define Structure of Atmosphere.

Home assignment- Student give the examples of the Gas.

LESSON PLANS

Planning of lesson Three

Class-VII

Subject- Social Science

Teaching method- Constructivist approach with Multimedia Teaching approach

Specific objectives-

1. Student will be able to know the Weather
2. Student will be able to know the Green house effect
3. Student will be able to know the Air Pressure

Teachings aids- computer, Cards, Projector and Multimedia program

Keywords- Air Pressure, Green House effect.

Previous knowledge- Children have basic knowledge about Air pressure and winds.

	Teacher Activity	Student Activity
Engage	<p>Teacher show the video of Air Pressure and winds to introduce the lesson.</p> <ol style="list-style-type: none">1. What is Winds?2. What is types of Winds?3. What is air Pressure? <p>Teacher will ask the questions.</p> <ol style="list-style-type: none">1. What do you understand by climate?2. What do you understand by winds?	<p>Students will analysis the video.</p> <p>Students will answer these kind of questions.</p>

Explore	<p>Teacher will divided the student into group for discussing the topic.</p> <p>Air pressure and winds.</p> <p>After 5 minute discussion teacher will ask questions to students.</p> <p>Define weather</p> <p>Give some examples of local winds.</p> <p>What is difference between weather and climate.</p>	<p>After divided the group students discuss the topic. Then they answer the questions ask by the teachers.</p>
Explain	<p>Teacher ask student to explain the topic.</p> <p>Air pressure</p> <p>winds</p>	<p>One student from each group explain the topic one there understanding level.</p>
Elaborate	<p>Teacher explain Weather, climate and winds</p> <p>If students have some problems in understanding.</p> <p>Then ask the questions</p>	<p>Student answer the questions</p>
Evaluation	<p>Draw the Diagram shoe the composition of Atmosphere.</p> <p>Write a Examples of local and seasonal winds</p>	<p>Students respond</p>

Recapitulation- What is Air pressure, types of winds, Define Structure of Atmosphere.

Home assignment- Student give the examples of the local winds.

LESSON PLANS

Planning of lesson four

Class-7th

Subject- Social Science

Teaching method- Constructivist approach with Multimedia Teaching approach

Specific objectives-

1. Student will be able to know the Water cycle
2. Student will be able to know the Waves
3. Student will be able to know the Tide

Teachings aids- computer, Projector and Multimedia program

Keywords- Water cycle, Waves, Tide, Tsunami etc.

Previous knowledge- Children have basic knowledge about Water cycle and Tides.

	Teacher Activity	Student Activity
Engage	<p>Teacher show the video of Water cycle and tide to introduce the lesson.</p> <ol style="list-style-type: none">1. What is water cycle?2. What is types of tide?3. What is air Tsunami? <p>Teacher will ask the questions.</p> <ol style="list-style-type: none">1. What do you understand by Water cycle?2. What do you understand by tide?	<p>Students will analysis the video.</p> <p>Students will answer these kind of questions.</p>
Explore	<p>Teacher will divided the student into group for discussing the topic.</p> <p>Water cycle and tide.</p> <p>After 5 minute discussion teacher will ask questions to students.</p> <p>Define Water cycle</p>	<p>After divided the group students discuss the topic. Then they answer the questions ask by the teachers.</p>

	Give some examples of tide. What is difference between rise and fall.	
Explain	Teacher ask student to explain the topic. Water cycle waves	One student from each group explain the topic one there understanding level.
Elaborate	Teacher explain Water cycle, tide and waves If students have some problems in understanding. Then ask the questions	Student answer the questions
Evaluation	Draw the Diagram of the water cycle. Write a Examples of waves.	Students respond

Recapitulation- What is Water cycle, types of tide, Define waves.

Home assignment- Student give the examples of the waves.

LESSON PLANS

Planning of lesson five

Class-7th

Subject- Social Science

Teaching method- Constructivist approach with Multimedia Teaching approach

Specific objectives-

1. Student will be able to know the Winds
2. Student will be able to know the Green house effect
3. Student will be able to know the Air Pressure

Teachings aids- computer, Cards, Projector and Multimedia program

Keywords- etc.

Previous knowledge- Children have basic knowledge about Air pressure and winds.

	Teacher Activity	Student Activity
Engage	Teacher show the video of Air Pressure and winds to introduce the lesson. 1. What is Winds? 2. What is types of Winds? 3. What is air Pressure? Teacher will ask the questions. 1. What do you understand by climate? 2. What do you understand by winds?	Students will analysis the video. Students will answer these kind of questions.
Explore	Teacher will divided the student into group for discussing the topic.	After divided the group students discuss the topic. Then they answer the

	<p>Air pressure and winds.</p> <p>After 5 minute discussion teacher will ask questions to students.</p> <p>Define weather</p> <p>Give some examples of local winds.</p> <p>1. What is difference between weather and climate.</p>	<p>questions ask by the teachers.</p>
Explain	<p>Teacher ask student to explain the topic.</p> <p>Air pressure</p> <p>winds</p>	<p>One student from each group explain the topic one there understanding level.</p>
Elaborate	<p>Teacher explain Weather, climate and winds</p> <p>If students have some problems in understanding.</p> <p>Then ask the questions</p>	<p>Student answer the questions</p>
Evaluation	<p>Draw the Diagram shoe the composition of Atmosphere.</p> <p>Write a Examples of local and seasonal winds</p>	<p>Students respond</p>

Recapitulation- What is Air pressure, types of winds, Define Structure of Atmosphere.

Home assignment- Student give the examples of the local winds.