

1077 RAVIRAVI SANGAM SCHOOL
Re-aligned Curriculum : Weekly Home Study Package
YEAR/LEVEL: 8 MARKING SCHEME

SUBJECT: Basic Science

Energy Transfer

1. Define.

- (i) **Conductor** is a substance that allows heat or electricity to go through it: Metal is a good conductor of heat.
- (ii) **Insulator** a substance which does not readily allow the passage of heat or sound.
- (iii) **Conduction** -the process by which heat or electricity is directly transmitted through the material of a substance when there is a difference of temperature or of electrical potential between adjoining regions, without movement of the material.
 - the process by which sound waves travel through a medium.
 - the transmission of impulses along nerves.
- (iv) **Radiation** A form of energy such as heat, light, X-rays, Microwave or radio waves.
- (v) **Convection** is the transfer of heat from one fluid to another by the movement of the fluid itself.

2. Sound is a type of energy. Sounds are produced when an object **vibrates**. When this happens, the air around the object also vibrates. These vibrations in the air travel as **sound** waves. The sound waves **move** sound energy from one place to another. *Example: A jet engine sounds loud when it is close, but when you can sometimes hear the noise when you are several kilometers away.*

Word List

sound

move

vibrates

.....

SUBJECT: Healthy Living

Community Service

Imagine your volunteer group wants to help a community near you. You want to clean up a polluted area in that community. Before commencing with the clean-up, your group needs to have permission from those in that community (elders, chief, village headman etc). As the head of your team, you are requested to make this arrangement. **Write an essay of two to three paragraphs on the reason why you need to clean the area. (100-150 words)**

ESSAY

Approximately 150 words

Reasons for cleaning a polluted area. (Many possible answers)

- **Not to attract pests.**
- **Not to allow mosquitoes to breed.**
- **Avoid spread of diseases.**
- **Attract tourist.**
- **Beautify place.**
- **Avoid bad smell.**
- **Reduce health issue.**

SUBJECT: Social Science

Activities

1. What are some actions your country has taken to save our planet earth from environmental issues?

i. **Banned plastic and Styrofoam.**

ii. **Passes laws to save resources.**

iii. **Encouraging people to 'go green'.**

iv. Educating people.

v. Curbing deforestation and boosting renewable energy sources. (**Many more answers**)

2. What can you , as a global citizen , do to save our planet earth?

i. Recycle

ii. Reduce waste/plant trees/manage waste well/ burn smokeless fuel/ avoid overfishing, overgrazing.

iii. Reuse (**Many possible answers**)

3. **Creativity**

Sketch a drawing to show at least 5 important reasons **to save our mother earth.**

Give your poster a title. Please label your diagram. You can colour the diagram.

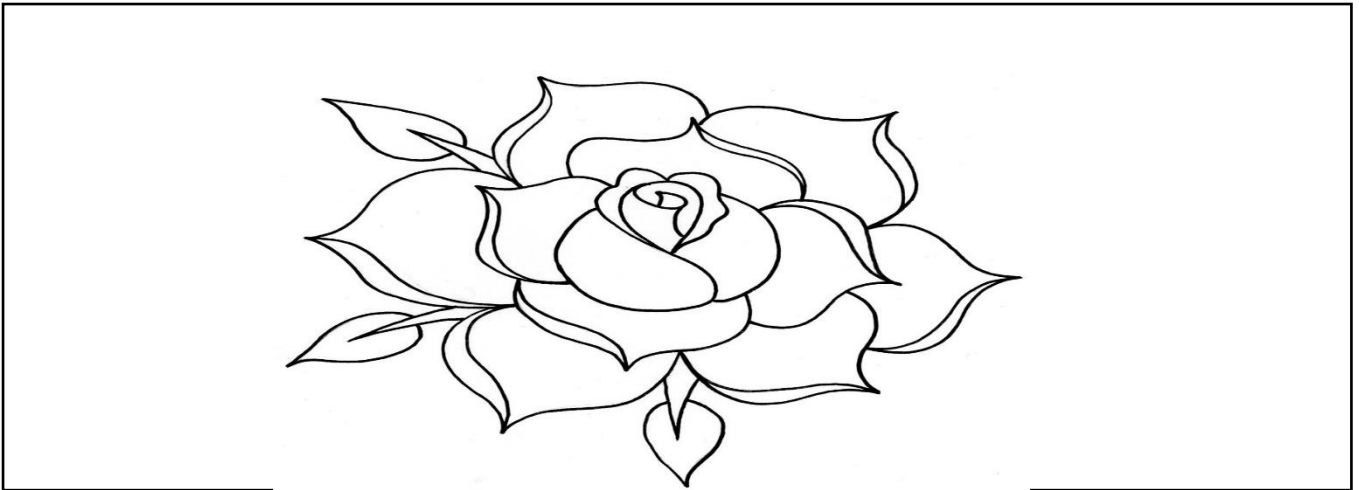
TITLE: _____

Drawing regarding

**Food/water/plants/animals any resources/ only place to live/
homes of organisms/ medicines/gold/any mineral**

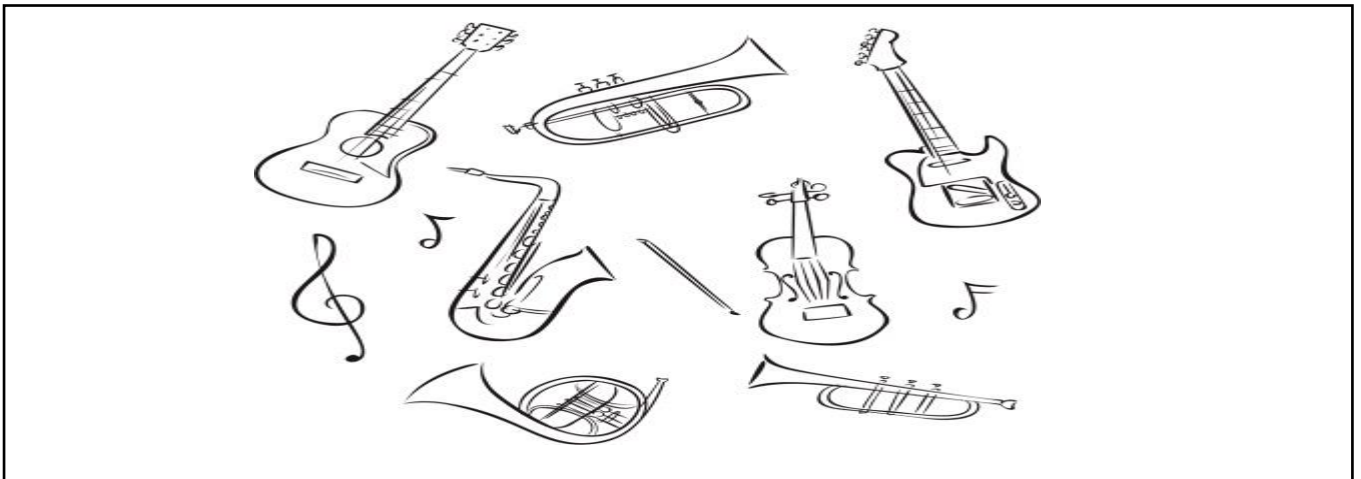
SUBJECT: Art And Craft

Use your skill to create a picture using lines. Draw in the space provided. Use a pencil.



SUBJECT: Music

Test your art skills! Draw any one of the string instruments in the space provided in the Answer Booklet. (Many possibilities)



SUBJECT: Physical Educatio

1. What is fitness testing?
Fitness testing is **simply taking measurements of the body and its responses to exercise** so that we can work out where a component of someone's fitness is, at any given moment in time.
2. Why is it important to do a fitness test especially if you are an athlete?
To know our fitness level and plan for improvement.
3. List three components of fitness testing?
 - i. **Aerobic endurance**
 - ii. **Muscular endurance**
 - iii. **Flexibility**
 - iv. **Speed**
 - v. **Muscular strength**
 - vi. **Body composition**

SUBJECT: Mathematics
Length and Area

1.

$$\begin{aligned} \text{(i) } P &= (l + w) \times 2 \\ &= (100\text{m} + 50\text{m}) \times 2 \\ &= 150\text{m} \times 2 \\ &= 300\text{m} \end{aligned}$$

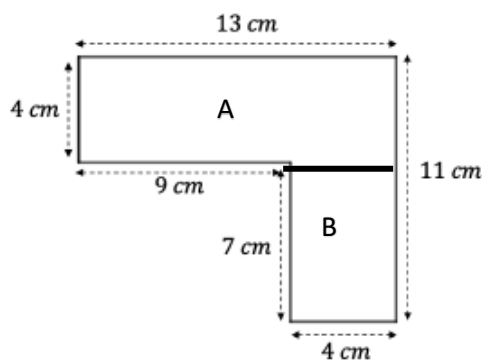
$$\begin{aligned} \text{(ii) } A &= l \times w \\ &= 100\text{m} \times 50\text{m} \\ &= 5000\text{m}^2 \end{aligned}$$

2. Mr Deo wants to make a fence for his cow closer to the river. He needs two strands of wire to make the fence. The length of the fence is 32m and its width is 26m .What length of wire is needed to make the fence?

$$\begin{aligned} P &= (l + w) \times 2 \\ &= (32\text{m} + 26\text{m}) \times 2 \\ &= 58\text{m} \times 2 \\ &= 116\text{m} \end{aligned}$$

Wire needed: 2 strands
 $P \times 2$
 $116\text{ m} \times 2 = 232\text{ m}$

1. Calculate the area of this shape



Total Area= Area A + Area B

Area A = l x w
 $= 13\text{ cm} \times 4\text{cm}$
 $= 52\text{ cm}^2$

Area B = l x w
 $= 7\text{cm} \times 4\text{cm}$
 $= 28\text{cm}^2$

Total area = 52cm² + 28cm²
 $= 80\text{cm}^2$

SUBJECT: English
LISTENING AND SPEAKING

Pattern: I wish I knew..... (but I don').

Look at this example:

I don't know that boy's father.

I wish I knew that boy's father.

If I knew that boy's father, I'd complain to him about his son.

. READING AND VIEWING

Questions

1. What is the passage about? **My camp/Finding a new man. (Relating to story)**
2. When did the event in the story happen?
At night.
3. For how long was the man, who was shipwrecked, been on the island.
1 month.
4. For how long was the man living on the island when he saw the new face?
3 years.

WRITING AND SHAPING:

Recount

(Example is provided in question paper)

Recount and event that happened and relate it to your friend in a letter. Follow the example provided.

Purpose

To tell what happened in time sequence

Structure

- Orientation This provides background information
- Events The events are placed in chronological order
- Concluding comments These may include personal comments

Grammar

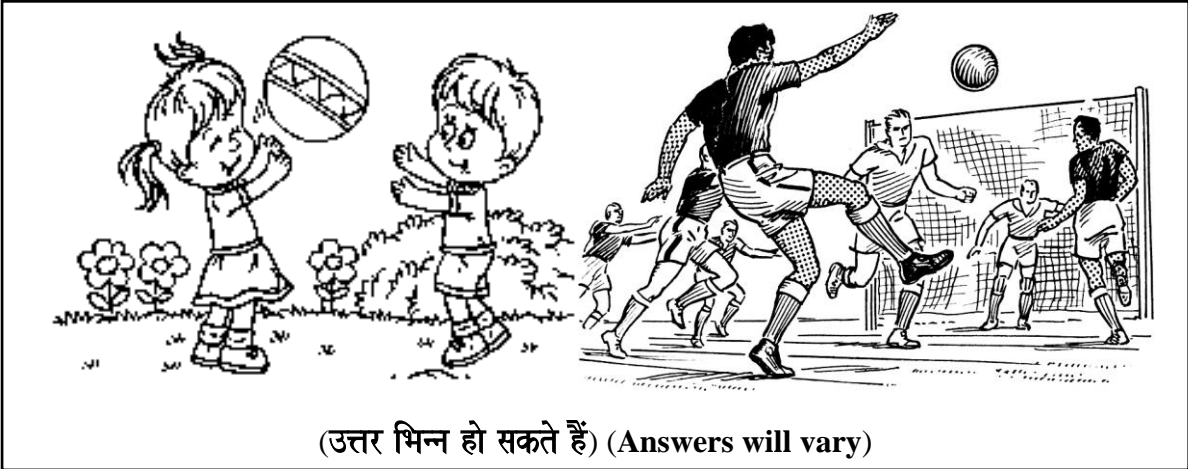
- Uses specific nouns and first person pronouns
- Uses action verbs
- Usually written in past tense
- Uses time connectives to sequence events
- Uses time and place phrases (Yesterday, before lunch, at school)

SUBJECT: Hindi (Hindi students ONLY)

- (क) 1 सोका के खेल में एक टीम में ग्यारह खिलाड़ी होते हैं।
2 सोका खेल से खिलाड़ियों को व्यायाम और तैल-मिलाप जैसे लाभ होते हैं।
3 फिजी में सोका की प्रतियोगिता हर साल “फीजी फुटबोल एसोशिएन” की देख रेख में हुआ करती है।
4 ‘सोका होगा’ सुनते ही एक हलचल सी मच जाती है।
5 सोका वाले कप जीतकर गवर्नर से हाथ मिलाते हैं।

- (ख) 1 | सुन्दर
2 | भीड़
3 | अच्छी
4 | सफाई
5 | हलचल

- (ग) अपनी उत्तर पुस्तिका में निर्धारित स्थान पर एक चित्र बनाइए जिसमें आप अपने दोस्तों के साथ अपना मनपसन्द खेल को खेल रहे हैं।



(उत्तर भिन्न हो सकते हैं) (Answers will vary)