

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

SUBJECT: Basic Science

1. Define the term friction.

Friction is a force between two surfaces that are sliding, or trying to slide, across each other.

2. List three helpful frictional forces.

Friction can be useful:

- friction between our shoes and the floor stop us from slipping**
- friction between tyres and the road stop cars from skidding**
- friction between the brakes and wheel help bikes and cars slow down**
- friction between the parachute and the air resistance slows down the parachute for safe landing.**

3. List three unhelpful frictional forces and mention how you can reduce these unhelpful frictional forces.

List of Unhelpful frictional forces	How to reduce the unhelpful frictional force?
i. The friction in the chain and axles in bicycles.	Lubrication
ii. Bikes, cars and other vehicles experience air resistance as they move.	Streamlining
iii. Piston in engines	Lubrication

Many other possibilities.

SUBJECT: Healthy Living

1. List three personal hygiene tips.

Bathe regularly. Wash your body and your hair often.

Trim your nails. Keeping your finger and toenails trimmed and in good shape will prevent problems such as hang nails and infected nail beds.

Brush and floss.

Wash your hands.

Many more possibilities

2. Why is it important to practise proper personal hygiene?

Good personal hygiene habits are directly related to less illnesses and better health..

3. What can poor personal hygiene habits lead to?

Poor personal hygiene habits, however, can lead to some minor side effects, like body odour and greasy skin. They can also lead to more troublesome or even serious issues

4. List three of your personal hygiene products?

Anti deodorants, sanitary pads, oils, shampoo, body and hair creams, toothbrush, toothpaste, soap, tissue papers and shaving implements.

SUBJECT: Social Science

You have been given \$500.00 to spend on your birthday party. Prepare a budget with the help of your family. Make sure you save after spending. The space is provided in the Answer Booklet.

Birthday Party	
Particulars	Amount
Total Amount Received	\$500.00
Expenses	
Cake	\$50.00
Sweets	\$20.00
Juice	\$10.00
Food	\$250.00
Travelling	\$20.00
Others	\$50.00
Amount Saved	\$100.00

SUBJECT: Art And Craft

Matching: Flower Arrangements

Match Column I with Column II. Write the letters in the space provided.

Column I	Column II
1. Dark	A. They have a soft feeling that is also natural.
2. Rustic	B. Delicate arrangements that may have deep red or purple tones throughout.
3. Tropical	C. Style feature blooms in darker colours
4. Romantic	D. Considered rough, aged, or natural
5. Feminine	E. Often use tropical elements such as palm leaves or anthurium.

1. C	2. D	3. E	4. B	5. A
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SUBJECT: Music

True/False

Write True for correct statements and False for incorrect ones.

- i. Never play string instruments with dirty hands. True
- ii. It is safer to learn instruments against wall for safe keeping. False
- iii. We can clean string instruments using a hard cloth. False
- iv. The tighter the string the well-tuned the guitar is. False
- v. Pack instruments in separate bags. True

SUBJECT: Physical Education

Answer the following questions.

1. List three physical activities you can be engaged in when you are in the community.
Swimming, hiking and mountaineering and many more

2. What are build environments for physical activity? Define and give an example.

The built environment is defined as the part of the physical environment that is constructed or modified by human activity.

.Example: It includes homes, schools, workplaces, parks or recreation areas, green-ways, business areas and transportation systems

3. Why are build environments important?

Physical activity is promoted by the built environment through walkable neighbourhoods, presence of sidewalks, walking paths and bike paths and presence of recreational and sports infrastructure including parks, pools, playgrounds, and sport clubs.

SUBJECT: Mathematics

A shopkeeper bought 300 apples at 80c each. 30 apples got rotten and the remaining were sold at the market for 20c each.

Find the buying price.

$$\begin{array}{r} \text{BP} = 300 \times 80\text{c} = 300 \\ \quad \times 80 \\ \quad \quad 000 \\ + 24000 \\ \hline \quad \quad \underline{\$240.00} \end{array}$$

Find the selling price.

$$\begin{array}{r} 300 - 30 = 270 \text{ apples} \\ \quad \times 20\text{c} \\ \quad \quad 000 \\ + 5400 \\ \hline \quad \quad \underline{\$54.00} \end{array}$$

Find the gain or loss percent.

$$\text{CP} = \$240.00$$

$$\text{SP} = \$54.00 \text{ Loss}$$

$$\begin{aligned} \text{Loss\%} &= \frac{\text{Loss}}{\text{CP}} \times 100 = \\ &= \frac{\$186}{240} \times 100 \\ &= \underline{\$77.50} \end{aligned}$$

SUBJECT: English

READING AND VIEWING

Name the poet. **Konai Helu Thaman**

2. Explain the poet's message. [Any of the four below.]

- Never lose hope in life
- If you are determined, nothing is impossible
- Each day brings new ray of hope and opportunities
- Self-belief is key ingredient to success

3. How can one overcome challenges in life? [Any of the four below.]

- Never lose hope in life
- If you are determined, nothing is impossible
- Each day brings new ray of hope and opportunities.

- Self-belief is key ingredient to success.

Vocabulary Exercise:

1. Human beings need air and water in order to stay alive. They cannot **live** without them.
2. The lowest temperature yesterday was 20°C and the **highest** temperature was 25°C.
3. Unless food is **uncovered** from flies, it may make you ill.
4. There were so many people injured by the earthquake that the hospital couldn't **treat** them all until extra doctors arrived.
5. The manager of Moce Bus Company selects his drivers very carefully. He employs only **experienced** drivers who have been driving for at least five years.



