

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

SUBJECT: Basic Science

1. True/False: Write true or false

- | | |
|---|--------------|
| i. Water is more dense than brine. | False |
| ii. Different liquids exert different amounts of up-thrust. | True |
| iii. An egg sinks in brine. | False |

2. What is used to measure the 'pushing-up' power or **up-thrust** of liquids?

Hydrometer

3. What happens when solids are weighed in air and then in liquids?

It seems to have lower weight or no weight at all.

SUBJECT: Healthy Living

1. What are some public facilities provided in your town/city? (Mention Two)

Telephone booths, bus shelters, playgrounds, public toilets and community centres. (Other possibilities)

2. Why are the public amenities so important?

For public to use when in need.

3. Define vandalism.

Vandalism is the action involving deliberate destruction of or damage to public or private property. The term includes property damage, such as graffiti and defacement directed towards any property.

4. Why is vandalism bad?

It can put people in danger./ Repairing costs money./ Unavailability of facilities when in need.

SUBJECT: Social Science Lesson 1

1. Define resources.

A resource is a source or supply from which benefit is produced.

2. Why are resources so important?

Benefits of resource utilization may include increased wealth, meeting needs or wants, proper functioning of a system, or enhanced well-being.

3. What is conservation?

Conservation is the practice of caring for these resources so all living things can benefit from them now and in the future.

2. What is the importance of warm-up and cool down?

Warming up may help prepare your body for aerobic activity. A warm up gradually revs up your cardiovascular system, increases blood flow to your muscles and raises your body temperature. Warming up may also help reduce muscle soreness and lessen your risk of injury. Cooling down after your workout allows for a gradual recovery of heart rate and blood pressure.

3. List two importance of stretching. (Any two)

- i. **Stretching can improve range of motion about a joint and flexibility.**
- ii. **Stretching may also help improve your performance in some activities by allowing your joints to move through their full range of motion.**
- iii. **However, studies haven't consistently shown that stretching helps prevent muscle soreness or injury.**

SUBJECT: Mathematics

A. Work out the speed of a car travelling in: ACTIVITY:

Work out the speed of a car travelling in:

1. 100m in 10s.

$$S = \frac{D}{T} = \frac{100}{10} = \underline{10\text{m/s}}$$

2. 300m in 20 seconds.

$$S = \frac{D}{T} = \frac{300}{20} = \underline{15\text{m/s}}$$

3. 700m in 35 seconds.

$$S = \frac{D}{T} = \frac{700}{35} = \underline{20\text{m/s}}$$

School Timetable

TIME	ACTIVITIES
8.00 am	Siren for Prayer/Devotion
8.30 am	Lesson Begins
10.30 am	Recess
10.45am	Lesson Begins
12.00 midday	Lunch
12.30 pm	Section Duties
12.45 pm	Brushing
1.00 pm	Lesson Begins
2.45	School Breaks

- a. How long is the morning lesson? **8:30 am – 10:30am= 2hours**
- b. How long is the brushing time? **12:45pm-1:00pm= 15minutes**
- c. When shall the students get ready to go home? **At 2:45pm.**
- d. How many hours do a child spends in the school in a day? **8:00am- 2:45pm= 6hours 45 minutes.**
- e. How many hours is the lesson time for a day? **8:30am- 10:30am= 2hours**
10:45am-12:00pm= 1hour 15 minutes
1:00pm-2:45pm= 1 hour 45 minutes
= 5hours
- f. How long does a student spend in a day at school? **8:00am- 2:45pm= 6hours 45 minutes.**

SUBJECT: ENGLISH

1. Characters: **Crane, Butterfly** [Mark accordingly.]
2. **At the end of the story, butterfly had already reached Tonga before crane.**
3. Mark their drawing accordingly.

ACTIVITY:

Write the correct idiom for the following meanings given below.

- a. It's up to you. **The ball is in your court.**
- b. To be undecided. **Sat on the fence.**
- c. To be loyal no matter what. **Through thick or thin.**
- d. Rarely. **Once in a blue moon.**
- e. Hit the sack. **Go to bed.**