

1077 RAVIRAVI SANGAM SCHOOL
Re-aligned Curriculum : Weekly Home Study Package
Week 2 Recap Solutions

YEAR/LEVEL: 8

SUBJECT: Basic Science

STRAND	1: Living Things and their Environment
SUB-STRAND	S1.3 Biodiversity, Relationships and Sustainability
CONTENT LEARNING OUTCOME	Recap S.8.1.3.1/ S.8.1.3.2/ S.8.1.3.3

LESSON NOTES-

Exercises

1. Identify and list 4 human activities that impact species in the environment.

overpopulation/ pollution/burning fossil fuels/deforestation/ (many answers possible)

2. Define the following terms and give an example.

- i. **Endemic species-** species only found in a certain place. Eg Crested Iguana in Fiji
- ii. **Endangered species-** species in danger of becoming extinct. Eg Giant panda
- iii. **Extinct species –** species no longer found. Eg dinosaurs

(There are many possible species as answers)

3. Draw a scene to show diversity of coral reefs.



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SUBJECT: Healthy Living

STRAND	Strand 1 Human Growth And Development
SUB-STRAND	H1.2 Family Health
CONTENT LEARNING OUTCOME	Recap H8.1.2.1/ H8.1.2.2

LESSON NOTES

Exercises

1. List two challenges you would face as a teenager.

(i) **Peer pressure/ Expectations from family, community.**

(ii) **Media influence**

(many more answers acceptable)

2. Read this report carefully and answer the following question

Over 800 teenage pregnancies recorded in 2012

Reported by Ritika Pratap

There were more than eight hundred cases of teenage pregnancy last year – most of them students. The

Health Ministry has confirmed to FBC News that there were eight hundred and thirty six teenage pregnancies last year compared to seventy two for the same period in 2011.

The National Substance Abuse Advisory Council Director Misaele Driubalau says they have been running aggressive awareness campaigns on drug and substance abuse, however, sexual activity among teenagers is still seen as a taboo topic.

“Parents need to talk with their daughters; of course also with the boys and by being involved it will mean more responsibility.”

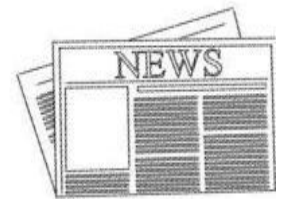
Driubalavu says eight hundred is a huge statistic by any margin...however some of these girls are also victims of abuse.

*“There are cases that have been the result of abuses but there are also other cases which has resulted from the **wrong decisions** that the young people make.”*

There are only a few teenage mothers who are able to bounce back and complete their education after giving birth.

Source: www.fjitime.com

07:05 Tue Jul 02, 2013



(i) **What are the consequences of teenage pregnancy? (list 2)**

- Teenage births are associated with lower annual income for the mother.
- Teenage mothers are more likely to drop out of school.
- Teenage pregnancies are associated with increased rates of alcohol abuse and substance abuse
- Lower educational level,
- Reduced earning potential in teen fathers. (many answers possible)

(ii) **What should teenagers learn from this article?**

Avoid peer pressure/ Control emotions/ Focus on education (many answers possible)

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SUBJECT: Social Science

YEAR/LEVEL: 8

STRAND	2: Time, Continuity and Change
SUB-STRAND	SS8.2.1 Understanding the Past.
CONTENT LEARNING OUTCOME	SS8.2.1.1 Collect information about famous people of the world and discuss their influences on the history of the world.

1. (i) What is history? **Everything that has happened in the past.**
(ii) Who are Historians? **People who study the past.**
(iii) Why should we study history? **To know our roots/To know why things are as they are.**
2. (i) Name a person who is famous globally. **(many answers possible)**
(ii) Why is the person famous? **(Answer depends on the choice in (i))**
3. Collect pictures of two famous persons.

It can be parents/friends/ local famous person/actors/players/politicians/leaders (etc)



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SUBJECT: Art And Craft Solutions

<i>STRAND</i>	Visual Arts
<i>SUB-STRAND</i>	Arts Ideas
<i>CONTENT LEARNING OUTCOME</i>	A8.2.1.1 Explore, develop and present aesthetic artworks from a range of ideas from old to modern forms and practices.

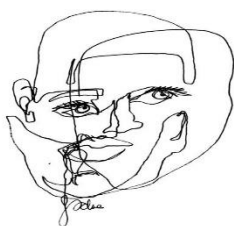
Contour Drawing

Contour drawing is an artistic technique used in the field of art in which the artist sketches the style of a subject by drawing lines that result in a drawing that is essentially an outline.



Blind Contour

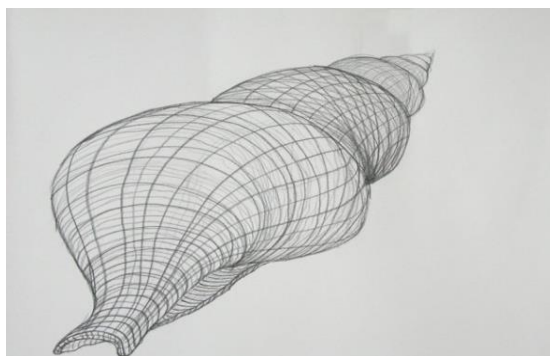
Blind contour drawing is a **drawing exercise**, where an artist draws the contour of a subject without looking at the paper.



ACTIVITY

In the space below do **1 contour drawing** and **1 blind contour drawing**. Use the objects around you.

Contour drawing



(Many possible answers)

Blind Contour Drawing




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SUBJECT: Music

STRAND	Performing Arts
SUB-STRAND	Arts Ideas
CONTENT LEARNING OUTCOME	A8.1.1.1 Create and demonstrate balanced accompaniment for songs with available musical instruments.

NOTES



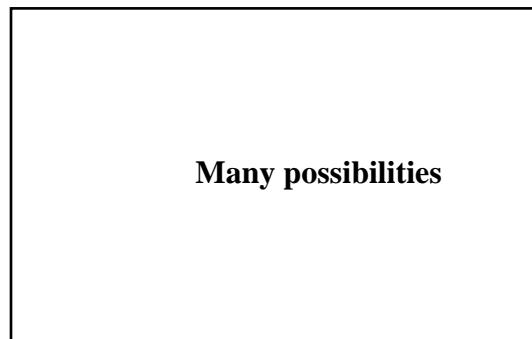
Musical Instruments



Source: Online

ACTIVITY

Draw a Musical Instrument you can play.



Many possibilities

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SUBJECT: Physical Education

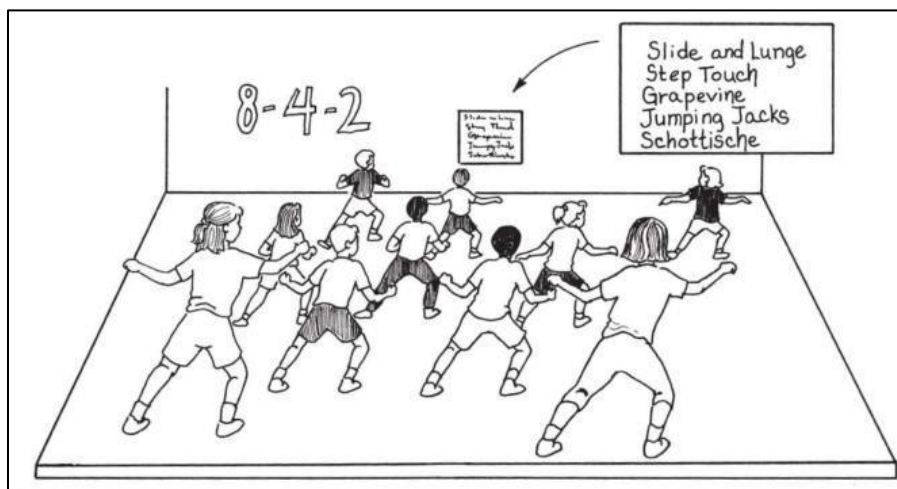
STRAND	Physical Education
SUB-STRAND	BODY MOVEMENT AND MOTOR SKILL DEVELOPMENT
CONTENT LEARNING OUTCOME	PE 8.1.1.1 Explore and demonstrate the application of force to create motion, momentum and resistance in fundamental motor and movement activities.

NOTES

Rhythmic Activities

Rhythmic activities are **combinations of physical movements with sounds, beats, or music**. Rhythmic activities rely on an internal or external rhythm used for self-expression, exercise, demonstration of physical ability, socialization, and expression of culture. Skills include: **walking, running, hopping, skipping, galloping and sliding to music**; moving to music with a partner or in a group, with others in a circle and in a square.

Example:



Activities

Fill in the blanks using the words in the list.

Rhythmic activities **improve physical and mental health**. Aside from increased **physical** confidence, rhythmic activities can also improve mental **functions** because rhythm regulates the brain and prevents cognitive decline. It also boosts the chemicals in our brain that **support** better memory and learning.

Word List:

support

functions

physical

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SUBJECT: Mathematics

STRAND	Number and Numeration
SUB-STRAND	M8.1.2 Integers M8.1.3 Sets
CONTENT LEARNING OUTCOME	M8.1.2.1 Describe and verify ways of solving negative and positive numbers (integers) using operations. M8.1.3.1 Explain and describe the elements and properties of sets, subsets, Venn diagrams, complement and Universal sets of numbers

Summary

Integer

An **integer** is a number with no decimal or fractional part, from the set of negative and positive numbers, including zero. Examples of integers are: -5, 0, 1, 5, 8, 97, and 3,043.

- **Positive Integers:** An integer is positive if it is greater than zero. Example: 1, 2, 3 . . .
- **Negative Integers:** An integer is negative if it is less than zero. Example: -1, -2, -3 . . .
- **Zero** is defined as neither negative nor positive integer. It is a whole number.

Sets

A **set** is a collection of elements.

Integer Number Line

Sets

$A = \{2, 4, 6, 8, 10\}$
 $B = \{2, 3, 5, 7\}$

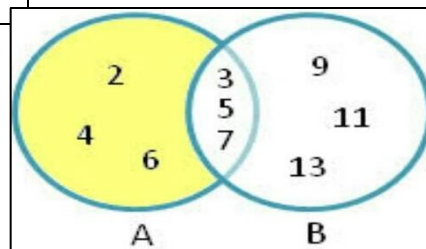
Activities

1. Calculate the following problem

(i)	-5 + -9 -14	(iii)	8 + -4 4
(ii)	3 - -3 6	(iv)	-2 - -5 3

2. Study the Venn Diagram and answer the questions.

- (i) Set A = {2,3,4,5,6,7}
- (ii) Set B = {3,5,7,9,11,13}
- (iii) Set A ∪ B = { 2, 3, 4, 5, 6, 7, 9,11, 13}
- (iv) Set A ∩ B = {3,5,7}



LISTENING AND SPEAKING

Our environment provides us with a lot of resources. Discuss with your family the resources that you use from the wider environment.

READING AND VIEWING

Spiders

Spiders are small animals. They are not insects, and very few of them can sting or bite us.

A spider has two body parts. Insects have three body parts. Most spiders have eight legs, but insects have six. If a baby spider loses one leg, it can grow a new one but an adult spider cannot grow a new leg.

All spiders grow from eggs. The female spider lays the eggs. Some female spiders lay as many as a thousand eggs at a time. Each egg is as small as a tiny seed. The eggs hatch into baby spiders. Baby spiders are surprisingly small.

Spiders have a hard skeleton on the outside of their bodies. As the spider gets bigger, it leaves its skeleton and grows a new one. While its new shell is growing, other animals can easily eat it.

Sometimes a spider gets stuck when it tries to leave its skeleton. If this happens, the spider will die.

Most male spiders are smaller than female spiders. Some female spiders kill male spiders. If they are hungry, they have the male ones for lunch !

Spiders help us. Insects are sometimes pests, but spiders kill them. Spiders are special animals.

Answer the following questions.

1. How many body parts do spiders have? **A spider has two body parts.**
2. How many eggs do some female spiders lay? **Some female spiders lay as many as a thousand eggs at a time**
3. What happens when spiders get stuck in its skeleton? **The spider will die.**
4. Spiders are helpful. How? **Spiders kill the insects that cause harm.**

WRITING AND SHAPING

Persuasive Text

In a persuasive text the writer uses words to convince readers that the writer's opinion is correct in regards to an issue. Sometimes in the writing, readers are persuaded to perform an action – just to get them to agree with the writer's position. Some forms of this text would include advertisements, posters, letters to the editor, catalogues etc. Persuasive writing is structured to include: opening statement of the case to be argued elaboration supported by evidence/ facts skeleton framework- pronged bullet points conclusion: reiteration of the facts and often gives recommendation for action

Features are:

- ✓ Problem- solution. Persuasive texts highlight a problem and then offer solutions. People will not act unless a solution to a problem they have is provided.
- ✓ benefits
- ✓ logical constructions and connectives with reasoning
- ✓ use of emotive and rhetorical language to persuade
- ✓ actions step words

Activity

Dialogue

<p><i>Look Mum! Ice cream! Buy me an ice – cream! Please!</i></p>	<p><i>O.K I'll buy you one if you'll be quiet.</i></p>
<p><i>You have to buy me one! It's my favourite! Please! Please Mum! It's not fair! I want an ice cream Mum!</i></p>	
<p><i>Mum can I have one as well?</i></p>	<p><i>No!</i></p>
<p><i>But....That is so unfair! Dad would think so too if I told him.</i></p>	

Circle the persuasive words in the dialogue above.