

1077 RAVIRAVI SANGAM SCHOOL

YEAR 3

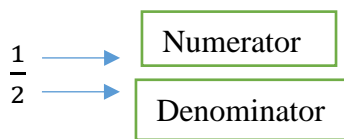
MATHS

WHSP SOLUTION # 5

STRAND	Numbers
SUB-STRAND	Fractions
CONTENT LEARNING OUTCOME	Express and show the link of fractions as part of a whole in addition and subtraction using number lines and in problem solving.

LESSON NOTES

Addition and subtraction of fractions



$$\frac{1}{4} + \frac{2}{4} = \frac{3}{4}$$

Note: when the denominator is same, you can straight away add or subtract the numerators. Example:

$$\frac{5}{6} - \frac{1}{6} = \frac{4}{6}$$

$$\frac{1}{3} + \frac{1}{3} = \frac{2}{3}$$

$$\frac{1}{2} + \frac{1}{2} = 1 \text{ or } \frac{2}{2}$$

$$1 - \frac{1}{2} = \frac{1}{2}$$

ACTIVITIES/EXERCISES

Solve the following fractions.

a. $\frac{1}{3} + \frac{2}{3} = \frac{3}{3}$

b. $\frac{3}{7} + \frac{2}{7} = \frac{5}{7}$

c. $\frac{1}{5} + \frac{2}{5} = \frac{3}{5}$

d. $\frac{3}{6} + \frac{2}{6} = \frac{5}{6}$

e. $\frac{3}{9} + \frac{3}{9} = \frac{6}{9}$

f. $\frac{1}{2} + \frac{1}{2} = \frac{2}{2}$

g. $\frac{7}{10} - \frac{3}{10} = \frac{4}{10}$

h. $\frac{6}{11} - \frac{1}{11} = \frac{5}{11}$

i. $\frac{5}{6} - \frac{2}{6} = \frac{3}{6}$

j. $1 - \frac{1}{2} = \frac{1}{2}$

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HINDI

WHSP SOLUTION # 5

STRAND	पढ़ना एवं सर्वेक्षण करना
SUB-STRAND	मूल-पाठ के प्रकार-मीडिया, साधारण संप्रेषण, साहित्यिक विषय
CONTENT LEARNING OUTCOME	मूल विरामादि तथा व्याकरण के नियमों व विशेषताओं को पहचानना व अर्थ लगाना

LESSON NOTES

चिड़िया

एक चिड़िया थी। एक दिन वह तालाब में पानी पीने गई। वह पानी में गिर गई। तभी वहाँ एक बिल्ली आई। चिड़िया बोली - बहन मुझे यहाँ से निकालो। बिल्ली बोली - निकाल तो दूंगी, लेकिन मैं तुझे खाऊंगी। चिड़िया बोली - पहले मुझे निकाल, सुखा और फिर खा लेना। बिल्ली ने उसे पानी से निकाला। सूखने का इंतज़ार करने लगी। पंख सूखते ही चिड़िया उड़ गई। बिल्ली देखती रह गई।

ACTIVITIES/EXERCISES

1. चिड़िया तालाब में क्या करने गई थी ?
चिड़िया तालाब में पानी पीने गई थी।
2. जब वह पानी के पास पहुँची तो क्या हुआ ?
वह पानी में गिर गई।
3. चिड़िया के पास कौन आया ?
बिल्ली आई।
4. चिड़िया ने बिल्ली से क्या कहा ?
की बहन मुझे यहाँ से निकालो
5. बिल्ली चिड़िया को क्या करना चाहती थी ?
वह उसे खाना चाहती थी।
6. क्या बिल्ली ने चिड़िया को बाहर निकाला ?
जी हाँ।
7. पंख सूखते ही चिड़िया ने क्या किया ?
पंख सूखते ही चिड़िया उड़ गई।

STRAND	Place and Environment
SUB-STRAND	Features of Places
CONTENT LEARNING OUTCOME	Compare and contrast the features and functions of homes and schools.

LESSON NOTES

Home Safety Tips

1. Lock poisons, cleaners, medication and all dangerous items in a place where children can't reach them.
2. Keep all cleaners in their natural containers.
3. Use medications carefully.
4. Do not play in the kitchen.

My Home

1. My home is a special place
2. I like my home.

Rules at Home

1. Help each other to clean our home.
2. Throw rubbish properly.
3. Always respect each other.
4. Do not swear.
5. Do not jump/ play on the bed.
6. Keep the house clean and tidy.



ACTIVITIES/EXERCISES

1. Name some poisonous items found at home?
Janola, Kerosene, Detergent, Spray
2. How can you keep smaller children away from poisonous items at home?
Lock poisons, cleaners, medication and all dangerous items in a place where children can't reach them.
3. How can you keep your house clean?
Throw rubbish properly.
Sweeping daily
4. State one house rule at your home?
Do not swear.

STRAND	Matter
SUB-STRAND	Reactions
CONTENT LEARNING OUTCOME	Investigate ways common materials such as wood, flour, water, candle can be changed temporarily or permanently to form materials with different properties.

LESSON NOTES

Temporary Change (physical change)

No new substance is formed and it is a reversible change.

Example:

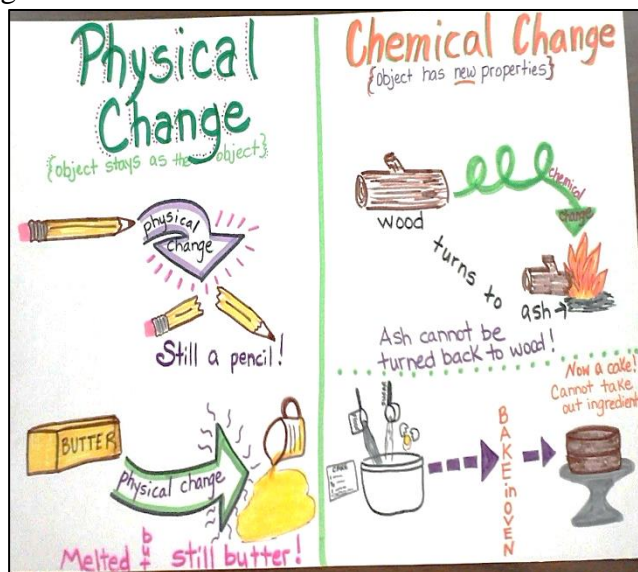
- Cutting paper
- Melting ice
- Boiling water
- Freezing water
- Dissolving sugar
- Wax can be melted and changed into another candle.

Permanent Change (chemical change)

New substance is formed and change is not reversible.

Example:

- Wood is burnt to carbon and ash.
- Flour is used for cooking.
- Iron rusts.
- Digesting food.
- Firewalking.



ACTIVITIES/EXERCISES

Changes	Temporary Change	Permanent Change
Burning of paper		✓
Melting of candle wax	✓	
Wetting sand	✓	
Dissolving salt in water		✓
Raw meat cooking		✓
Rusted iron		✓
Melting ice	✓	
Baby growing into adult		✓
Boiling water	✓	
Eating food		✓