PRIMARY TWO MATHEMATICS TERM II

CAPACITY

The amount of liquid a container can hold. Examples of liquids;

- Water, soda, milk, petrol, tea, paraffin etc

Some of the common containers we use to measure include;

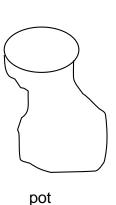
kettle, jerrycans, bottle, bucket, basin etc.

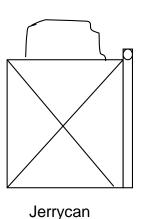
Comparing containers we used to hold liquids.





bucket





A mug holds less water than a bucket.

- A pot holds more water than a bucket.
- A mug holds less water than a pot.
- A jerrycan holds more water than a pot.

The standard unit of capacity is litres. Short form of litres is I.

We also use ½ I (a half litre) to measure capacity.

PRACTICAL WORK

- Children will use ½ litre container to fill bigger container.
- (a) How many ½ litres fill a 2 litres container?

$$\begin{array}{c|c}
\hline
\frac{1}{2} \\
\hline
\frac{1}{2}
\end{array}$$
+
$$\begin{array}{c|c}
\hline
\frac{1}{2} \\
\hline
\frac{1}{2}
\end{array}$$
= 4 half litres

(b) Find how man ½ litres fill a 5 litres container?

Addition of litres.

$$2 L + 1L = 3 L$$

$$\frac{1}{2}$$

$$\frac{1}{2}$$

$$\frac{1}{2}$$

$$\frac{1}{2}$$

$$\frac{1}{2}$$

$$\frac{1}{2}$$

c) 2litres + 5 litres = _____7___ litres

.

d) 2 litres

9 litres

e) 2 5 litres

3 9 litre

Subtraction of litres

- i) 5 litres 3 litres = 2 litres
- ii) 8 litres

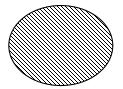
 4 litres

 4 metres

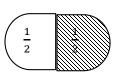
iii) 5 8 litres - 3 5 litres 2 3 litre

Fractions

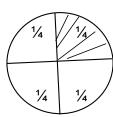
A fraction is a part of a whole.



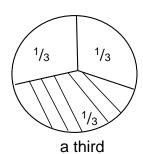
A whole



a half



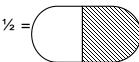
a quarter



Practical work

Cutting and folding fractions.

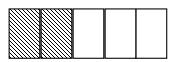
Drawing fractions e.g.

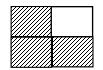


$$\frac{1}{4} =$$

shaded fractions e.g.

i)
$$\frac{2}{5}$$





Comparing fractions

i) $\frac{1}{2}$



ii)



Examples;

Use >, < or =

> greater than

< less than

= equal to

 $\frac{1}{4}$ is less than $\frac{1}{2}$

Addition of fractions.

i)
$$\frac{1}{2} + \frac{1}{2} = \frac{2}{2} = 1$$

ii)
$$\frac{3}{6} + \frac{2}{6} + \frac{1}{6} = \frac{6}{6}$$
 1

iii)
$$\frac{5}{10} + \frac{2}{10} = \frac{7}{10}$$

Tom ate $\frac{1}{5}$ of an apple and Milly ate $\frac{2}{5}$ of it. What fraction of an apple did they eat? iii) $\frac{1}{5}$ $\frac{2}{5}$ = $\frac{1+2}{5}$ = $\frac{3}{5}$

Subtraction.

i)
$$\frac{3}{8} - \frac{2}{8} = \frac{1}{8}$$

i)
$$\frac{3}{8} - \frac{2}{8} = \frac{1}{8}$$
 ii) $\frac{5}{10} - \frac{2}{10} = \frac{3}{10}$

iii) Subtract
$$\frac{2}{6}$$
 from $\frac{5}{6} = \frac{5}{6} - \frac{2}{6} = \frac{3}{6}$

Topical questions.

- The amount of liquid a container can hold is known as _____ 1.
- Comparing capacity. 2.

Use "less than" or "More than"





- Pot A holds _____ water than pot B. a)
- Pot B holds _____ water than pot A b)

3.





- a) Bucket _____ holds more liquid than bucket ____
- b) Bucket _____ holds less than bucket ____
- 4. How many $\frac{1}{2}$ litres can fill 3 litre container?

5. Work out:

c) 6 1 litres + 2 0 litres

d) A drum holds 10 litres and a bucket holds 4 litres. How many litres do the two containers hole?

6. Subtract:

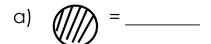
c) Subtract 15 litres from 25 litres.

Fractions.

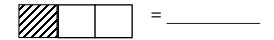
- 1. What is a fraction?
- 2. Draw and shade the given fraction.
 - a) $\frac{2}{4} =$ _____

b) $\frac{4}{6} =$ _____

3. Name the shaded fraction.







- 4. Write the fraction of the un shaded part.
 - a) = ____ b)
 - b) =____
- 5. Compare the fractions using "less than", "greater than" or "equal to"

- 6. Write the symbol to show the following.
 - a) greater than _____
- b) equal to _____
- c) less than _____
- 7. Work out:

a)
$$\frac{2}{6} + \frac{3}{6} =$$

b)
$$\frac{7}{10} \frac{5}{10} =$$

C)
$$\frac{1}{4} + \frac{1}{4} + \frac{1}{4} =$$

d) Subtract
$$\frac{3}{8}$$
 from $\frac{6}{8}$ = _____

ENGLISH

			CINMEINI.			
			s correctl	ly.		
ebraz	-					
seehp	-					
ypupp	-					
idersp	-					
2. From	a sn	nall wo	rd from th	ese wo	ords.	
weaver	bird					
goat						
3. Fill in	the i	missing	letters.			
yIIw	/		dckl	ng		
prr_	t		elph	nnt		
4. Arran	ge t	hese w	ords in al	phabet	ical orde	r.
a) yello	W,	green,	blue,	red,	pink	
b) flower	∋r,	green,	blue,	red,m	aize	
c) eye,		head,	thorax,	wing		

5.Use <u>a</u> / <u>an</u> to fill in the gaps.
I can see owlet.
leaf is green in colour.
Moses ate banana yesterday.
Our dog has puppy.
eagle is flying over the tree.
THEME: THINGS WE MAKE.
6. Give the plural form of the underlined words.
a) Daniela has many dress
b) Mitchel bought seven box
c) Our class monitor collected eight broom
d) She has two watch
e) Daddy bought twelve glass
7. Use these words to make correct sentences.
rope:ball: hat: 8. Where is the ball?

		ORT IN OUR COMMUNITY. Vords in capital letters.
	accident danger nails lollipp	
	-	ese sentences using the words given in
br	ackets.	
a)	She is	her finger nails. (cut)
b)	Musa	to town yesterday. (go)
c)	The nurse	for sick people every day. (care)
d)	Kato is	a first aid box. (hold)
Re	- arrange the	sentences to make a good story.
1.	She stopped	d at the stage to cross.
2.	Viola was g	oing to school.
3.	The Iollipop	man helped her to cross.
4.	She thanked	d him and entered the school.
		A good story

	LITERACY	
LESSON	18NOTES	ACTIVITY
Our Pref	ects	1 are pupils with
Prefects	are pupils with special duties at	special duties at school.
school.		2. Identify any four examples of
Example	es of Prefects at school	prefects.
i)	Head Prefect	i
ii)	Head Boy	ii
iii)	Head Girl	iii
iv)	Sanitary Prefect	i
v)	Sports and Games Prefect	
vi)	Disciplinary Prefects	
vii)	Food Prefects	
LESSON	19NOTES	ACTIVITY
Roles/D	uties of Prefects at school	1. Write down any three roles of
i)	Prefects help to keep discipline at	prefects at school.
	school.	i
ii)	Prefects help to keep order.	ii
iii)	Prefects help to clean the compound	iii
iv)	Prefects help to organize pupils at	
	school	
v)	Prefects work together with teachers	

	20NOTES	ACTIVITY			
Roles of	pupils at school	1. Give any two roles of pupils at			
i)	Cleaning tables and chairs	school			
ii)	Fetching water	i			
iii)	Collecting books	ii			
iv)	Sweeping the classroom	2. What is the work of a class			
v)	Picking rubbish	monitor			
vi)	Cleaning the blackboard	2 Draw shildren cleaning the			
vii)	Class monitor keeps discipline and	3. Draw children cleaning the compound			
	order in class				
viii)	Children take care of their charts in				
	class.				
LESSON	21 NOTES	ACTIVITY			
Class Ru	iles	1. Write down any four examples			
Class ru	les are instructions to be followed by	of class rules			
pupils in	class	i			
Example	s of class rules are;				
2manipie.	s of class rates are;	ii			
i)	No eating in class	iiiii.			
_					
i)	No eating in class	iii			
i) ii)	No eating in class Welcome visitors	iii			
i) ii) iii)	No eating in class Welcome visitors Always write well	iii			
i) ii) iii) iv)	No eating in class Welcome visitors Always write well No running around in class	iii			
i)ii)iii)iv)v)	No eating in class Welcome visitors Always write well No running around in class Keep the school property safe	iii			
i)ii)iii)iv)v)vi)	No eating in class Welcome visitors Always write well No running around in class Keep the school property safe Pay attention in class Always ask for permission to get out of	iii			
i)ii)iii)iv)v)vi)vii)	No eating in class Welcome visitors Always write well No running around in class Keep the school property safe Pay attention in class Always ask for permission to get out of class	iii			

LESSON	22 NOTES	ACTIVITY
School	Rules	1. What are school rules?
School 1	rules are instructions supposed to be	
followed	by everyone at school	
Example	s are;	2. Name any four school rules
i)	No fighting at school	i
ii)	No coming late at school	ii
iii)	No escaping from school	iii
iv)	No abusing one another	iv
v)	Love one another	
vi)	Keep your school property safe	
vii)	Always respect one another	
viii)	No climbing trees	
ix)	No stealing school property or other	
	pupils property	
LESSON	23 NOTES	ACTIVITY
Importa	nce of School and Class Rules	1. State three reasons why school
i)	They help pupils to be disciplined	rules are important
ii)	They unite pupils at school	i
iii)	They protect pupils from accidents	ii
iv)	They make the school a safe place	iii
v)	They promote order in the school	

LES	SSON 2	4 NO	TES							AC	TIVITY
1.	1. Our class timetable						1.	Which subject has many			
A t	ime ta	ble is	a pı	rogra	mme	sho	wing	the ti	ime		lessons?
at '	which	activ	ities	will 1	take	place	: .				
	8:30 -	9:00 -	9:30 -	1		1	11:30 -	12:00 -	12:30 -	2.	At what time do children go for
мог	9:00 N NEWS	9:30 LIT 1	10:00 LIT II	10:30 PE	11:00 B	11:30 MATHS	12:00 OL	12:30 ENG	1:00 MUSIC		break?
TUE	-	ENG	RE	PE	R	OL	LIT I	LITII	RE		Diodic.
WED) PE	NEWS	LIT I	LIT II	E	ENG	MATHS	RE	MUSIC		
THU	_	MATHS	ENG	PE	A	!	CTIVITY	LITI	LIT II		
FRI	ENG	MATHS	PE	MUSIC	I _K	LIT I	LIT II	AKI &	CRAFTS		
2.	Uses o	of a ti	me ta	able						3.	How many days are shown on
	i)	It sho	ows 1	us th	e rig	ht tir	ne to	do w	ork		the time table?
	ii)	Show	s us	s who	is s	uppo	sed to	o do			
		some	thin	g							
	iii)	Helps	s us	to av	oid v	vasta	ge of	time			
	iv)	It pro	mot	es or	der i	n scł	nool				
3.	Featur	es of	a tin	netab	le						
	i)	Time									
	ii)	Days	of tl	he W	eek						
	iii) Name of the class										
	iv)	Subje	ects								
	v)	Name	es of	teac	hers						

LESSON	25 NOTES	ACTIVITY
Needs o	f our school	1. What are school needs?
School 1	needs are the things a school needs to	
run well	l.	2. Name any four needs of a
Example	s of School needs are;	school.
i)	Furniture	i
ii)	Buildings	ii
iii)	Food	iii
iv)	Water	iv
v)	Power (Electricity)	
vi)	Labour	
vii)	Pupils	
viii)	Security	
ix)	Stationery	
x)	Money	
xi)	Transport	
xii)	Communication	
LESSON	26 NOTES	ACTIVITY
How do	es a school meet its needs	1. Write any three ways in which
i)	Parents buy school needs like books,	schools meet their needs
	pencils and pens for their children.	i
ii)	Government schools get money and	ii
	stationery from the government	iii
iii)	Some schools get their needs from sponsors/donors	

iv)	Some schools run projects like farms	
	where they get money and food	
v)	Schools get gifts like books and	
• ,	furniture from friends	
vi)	Parents pay school fees	
vii)	Schools organize entertainment shows	
	to collect money	
I ESSON	27 NOTES	ACTIVITY
	s faced meeting school needs	Name three problems that
FIODICII	is faced frieeting school fleeds	-
i)	Lack of enough money.	schools face in meeting their
ii)	Thieves steal school property.	school needs.
iii)	Some parents fail or take long topay	i
	school fees.	ii
iv)	Fire outbreaks spoil things at school	iii
77)	School farms get spoilt by storms and	2. Give any two school needs you
v)	<u> </u>	know.
	too much sunshine	:
vi)	Lack of enough classes, teachers and	i
	furniture.	ii
vii)	Too many children in classes	
viii)	Some people spoil school property	

LESSON	1 28 NOTES	ACTIVITY
How ca	n school problems be solved?	1. How can school problems be
i)	Parents should pay school fees in time	solved?
ii)	School Property should be kept well	i
iii)	Broken chairs/desks should be repaired	ii
iv)	Crops should be watered during the dry season	
v)	Pupils should be taught how to make things like brooms and bricks	
vi)	School property should be kept well	
LESSON	I 29 NOTES	ACTIVITY
Things	used to keep our school clean	1. Name and draw any two things
i) R	Rake	used to keep our home clean
ii) E	Brooms	
iii) E	Basin	
iv) H	loe	

,	Vater	
LESSON	I 30 NOTES	ACTIVITY
How we	e can keep our school clean	1. How ca we keep our school
i)	By throwing rubbish in the rubbish	clean
	pits and dustbins	i
ii)	By burning rubbish	ii
iii)	By Weeding and slashing the	iii
	compound	2. Draw pupils sweeping the
iv)	By washing hands after visiting the toilet	school compound
v)	By mopping our classrooms	
vi)	Avoiding playing in dirty places to avoid diseases	
vii)	By cutting our fingernails short.	
		Why is it good to wash hands iii.

LESSON 31 NOTES		ACTI	ACTIVITY					
Activities done at school		1. S	State any four activities done at school.					
i)		Reading	i.					
ii)		Writing	ii.					
iii))	Washing	iii.					
iv))	Playing	iv.					
v)		Digging	2. D	raw p	oupils carry	ing out th	e following	1
vi))	Slashing	ac	ctiviti	es;			
vii	i)	Dancing						
vii	ii)	Praying						
ix)	Sweeping						
x)		Fetching water						
xi))	Picking Rubbish	reac	ling	sweeping	playing	dancing	
xii)	Burning Rubbish						

REVISION EXERCISE		
Revision Work		
1. Name two materials used to build a strong house.		
i		
ii		
2. From which source do we get stones?		
3. What is the use of a library to your school?		
4. Give two ways in which parents can help the school meet its needs.		
a)		
b)		
5. Who heads a school?		
6. Who is your class teacher?		
7. Draw and name two needs of your school.		
8. Why should people wash their hands before eating?		

1.	Our s	chool neighbourhood	1.	٧	Vho is a
•	A neig	ghbor is a person who stays		n	eighbour
	near you.		2.	Α	is the area around us.
•	Neigh	bourhood is the area around us.	3.		lention any four things found in our
•	An en	vironment is the surrounding of		S	chool environment.
	man.		i	i.	
2.	. Things found in our neighbourhood		ii	i.	
	enviro	onment are:	iii	i.	
	i)	Roads	iv	′ .	
	ii)	Plants			
	iii)	Schools			
	iv)	Shops			
	v)	Markets			
	vi)	Police Post/Station			
	vii)	Hospitals			
	viii)	Churches			
	ix)	Mosque			
	x)	Buildings (Homes)			
	xi)	Hills			
	xii)	Valleys			
	xiii)	Animals			
	xiv)	Mountains			
	xv)	Insects			
	xvi)	Birds			
	xvii)	People.			

LESSON 34 NOTES		ACTIVITY
Groups of People found in our		1. State any four groups of people found
Neighbo	ourhood	in our neighbourhood.
i)	Religious Leaders	i
ii)	Policemen	ii
iii)	Doctors	iii
iv)	Teachers	iv
v)	Farmers	2. Give two examples of religious leaders.
vi)	Drivers	i
vii)	Secretaries	ii
viii)	Cobblers	
ix)	Builders	
x)	Security Guards	
xi)	Fishermen catch fish	
xii)	Herdsmen	
xiii)	Lawyers	
xiv)	Fishmongers sell fish	
xv)	Market Vendors	
xvi)	Nurses	

LESSON	35 NOTES	ACTIVITY	
The wor	k done by people in our	1. Match peo	ple to their work.
environment i) Doctors – Treat sick people		Doctors	Build houses
ii)	Teachers – Teach pupils	Builders	Treat sick people
iii)	Farmers – Grow crops and keep animals	Teacher Cobblers	Mend people's shoes Teach pupils
iv) v) vi) vii) viii) ix) x) xi)	Nurses – Care for sick people Builders – Build houses Market Vendors – Sell things in the market Cobblers – Mend shoes Fishermen – Catch fish Fishmongers – Sell fish Herdsmen – Keep cattle Police Officers – Keep law and	Farmers Police officers	Keep law and order Grow crops and keep animals
	order		
	36 NOTES	ACTIVITY	three bondits of a cabool
Neighbo	e school benefits from its ourhood		three benefits of a school eighbourhood
i)	The school receives children from the neighbourhood	::	
ii) iii)	The school gets security guards from the neighbourhood The school buys its needs from	2. What is the	e work of the policemen in
111)	the neighbourhood	the neighb	oourhood

vi) vii) viii)	The school gets building materials The school gets workers from the neighbourhood The school gets houses to rent from the neighbourhood The school gets money as fees from the neighborhood The school gets security from		
	the police station		
LESSON	37 NOTES	ACTIVITY	
Benefits	of the neighbourhood from the	1. State any four benefits of the	
school		neighbourhood from the school.	
i)	The school provides jobs to people in the neighbourhood e.g. teachers, cleaners, guards. The school provides space for	i ii	
ii)	the people to hold their community meetings	iv	

vi) vii)	The school lends its property like chairs, vehicles to people in the neighbourhood. The school buys things e.g food from the neighbourhood. The school teaches people good practices like morals and	
	cleanliness to the community	
LESSON	38 NOTES	ACTIVITY
Problem	s between the school and	1. Mention three problems that can
Neighbo	urhood	happen between the school and the
i)	Burning the school	neighbourhood
ii)	Quarrelling	i
iii)	Exchanging abusive words	ii
iv)	Kidnapping of pupils (children)	iii
v)	Stealing school property	2. How can a school protect children from kidnappers?
vi)	Defilement	
vii)	Trespassing the school compound	
viii)	Breaking and damaging things	
LESSON	39 NOTES	ACTIVITY
Causes of problems between the school		1. Give three causes of problems that can
and the neighbourhood		happen between the school and the
i)	Lack of respect for one another	neighbourhood
ii)	Rumour mongering (telling	i
	rumours)	ii

iii) iv) v) vi) vii) viii)	Failure to bring/meet all school requirements. Stealing of school property. Fight in the neighbourhood. Trespassing in the compound Use of bad language Breakages and damage of	iii
	property	
LESSON	40 NOTES	ACTIVITY
Ways of	solving problems between the	1. Read and learn
school a	and the neighbourhood	i. Respect
ix)	Respect for one another	ii. Regulations
x)	By following rules and	iii. Fence
	regulations	iv. Drunkenness
xi)	Building a fence around the school	v. Rumour mongering
xii)	Avoid drunkenness	vi. Rules
xiii)	Stop rumour mongering	2. State three ways of solving problems between the school and its
xiv)	Cooperating with one another	neighbourhood.
		iii

LESSON 41 NOTES		ACTIVITY
Ways of	Keeping good health at school	1. What is the meaning of being healthy?
i)	Doing physical exercises	
ii)	By bathing our bodies daily	2. Give any four ways of keeping good health at school.
iii)	Dropping rubbish in a dustbin or rubbish pit	i
iv)	Cleaning the school daily	ii
		iiiiv.
		1V
LESSON	42 NOTES	ACTIVITY
Causes	of bad health at school	1. Mention any two causes of bad health
i)	Sharing sharp objects like razor	at school.
	blades, pins and needles	i
ii)	Littering rubbish all over the school compound	ii
iii)	Sharing personal materials like	that should not be shared.
	clothes	i
iv)	Misusing toilets latrines	ii
v)	Keeping toilets or latrines dirty	3. Mention three examples of sharp
		objects.
		i
		ii
		iii

LESSON 43 REVISION EXERCISE

1.	What is the name of your school?		
2.	Name two groups of people in your community who wear uniforms.		
	i		
	ii		
3.	Mention three benefits a school gets from its neighbourhood.		
	i		
	ii		
	iii		
4.	Write down the work done by these people.		
	a) Cobbler		
	b) Police officer		
	c) Teachers		
	d) Herdsmen		
5.	Who is a neighbor		
6.	What is good health?		
7.	Why do children go to school?		
8.	Write the following in full.		
	a) C.R.E		
	b) P.E		
	c) S.ST		
	d) I.R.E		
9.	What name is given to pupils' leaders?		

10. Give any two important places found in the school neighbourhood.

LESSON 44 NOTES ACTIVITY Relationship among family members 1. What is a family? 1. What is family? A family is a group of people living 2. Identify the two types of families. together related by blood, marriage or i. adoption. ii. 2. Types of families 3. Whatis a nuclear family? There are two types of families. These are; 4. Drawand name the members of a a) Nuclear family nuclear family b) Extended family i) Nuclear family a) This is a family where we find father mother and their children. b) Membersofa nuclear family c) d) i) Father (husband) Mother (wife) ii) iii) Boy (brother/son) iv) Girl (sister/daughter)

LESSON 45 NOTES	ACTIVITY	
An extended family	1. What is an extended family?	
This is a family where we find father, mother, aunt cousin brother uncle sister nephew, niece, grandfather grandmother, etc	2. Identifyany six members in an extended family. i	
LESSON 46 NOTES	ACTIVITY	
A nuclear family tree	1. Draw a nuclear family tree	

LESSON 48 NOTES		ACTIVITY
Family Relationship		1. What do you call the daughter of your
i)	The daughter of my mother or father is my sister	mother?
ii)	Brother is the son son of my father and/or mother	2. Who is your brother?
iii)	Uncle is the brother of my father or mother	3. What do you call the woman who produced you?
iv)	Aunt is the sister of my father or mother	
v)	Grand mother is the mother of my father or mother	
vi)	Grandfather is the father of my mother or father	
vii)	The daughter of my brother or sister is my niece	
viii)	The son of my brother or sister is my nephew	
ix)	The children of my aunt or uncle are my cousins	
LESSON	49 NOTES	ACTIVITY

Work done by a father at home		1. List down the duties of a father at
i)	A father heads a family	home.
ii)	A father buys food for the	i
	family	ii
iii)	Father pays school fees	iii
iv)	Father takes and picks children from school	2. Mention the things a father buys for the family.
v)	Father pays house rent	i
vi)	Father buys clothes and other	ii
	things for the family	iii
vii)	A father builds a home	
LESSON 50 NOTES		ACTIVITY
Roles of a Mother at home		1. Mention any four roles of a mother at
i)	Mother cooks food for the	home.
	family	i
ii)	A mother looks after children	ii
iii)	A mother washes clothes	iii
iv)	A mother takes and picks	iv
	children to and from school	2. Draw a mother cooking food.
v)	A mother cares for the home	

LESSON 51 NOTES			ACTIVITY
Roles of children at home			1. Mention any four roles of children at
	i)	Children carry the baby	home.
	ii)	Children help to cook food	i
	iii)	Children clean the home	ii
	iv)	Children fetch water	iii
	v)	Children wash utensils	iv
	vi)	Children wash clothes	
	vii)	Children help with housework	
LE	SSON	52 NOTES	ACTIVITY
1. Basic needs of man		needs of man	1. What are basic needs?
What are basic needs?			
Basic needs are things man cannot live without. They include;			2. Give any four examples of basic needs.
	i)	Water	i
	ii)	Food	ii
	iii)	Shelter	iii
	iv)	Clothes	
	v)	Medical care	iv
	vi)	Education	
	vii)	Security	
2. Other needs of man		needs of man	
	i)	Land	
	ii)	Electricity	
	iii)	Security	
	iv)	Love	