



Po Kok Primary School

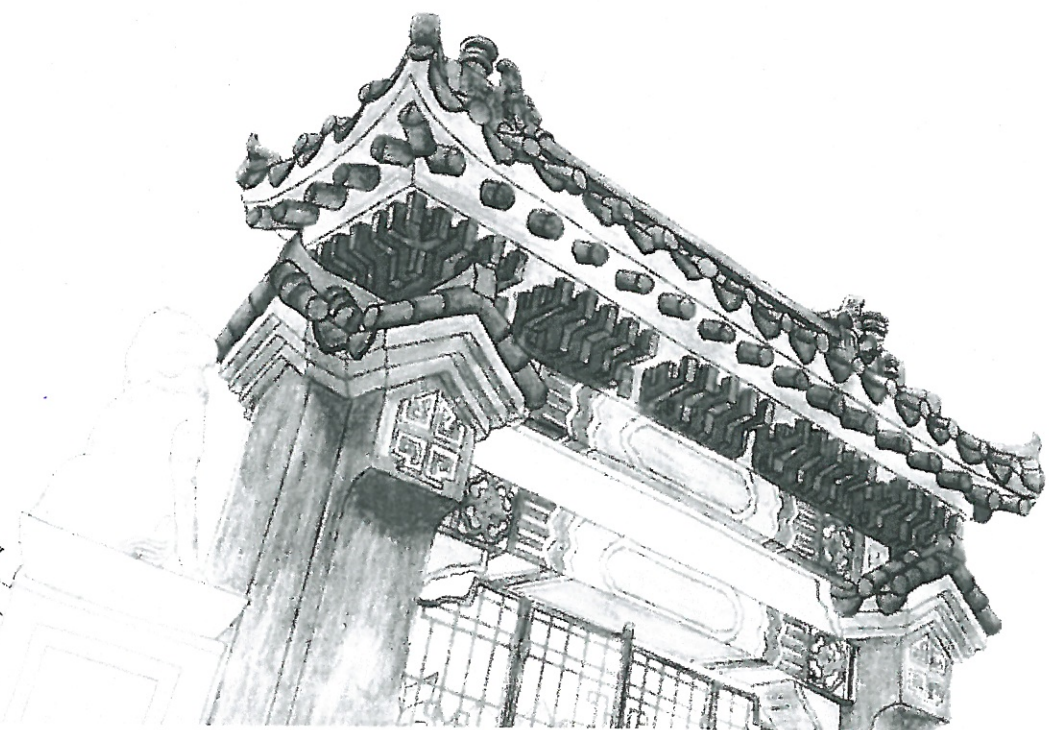
Primary Three

2014-2015 Second Term

Mathematics Quality Assignment
- Project

Name : Mary (19)

Class : P.3 (A)



Po Kok Primary School

2014-2015

Mathematics Project

Theme: Supermarket

Class: P.3(A)

Name: Mary (19)

Mark: 94

Date: 22-5-2015

Learning Objectives :

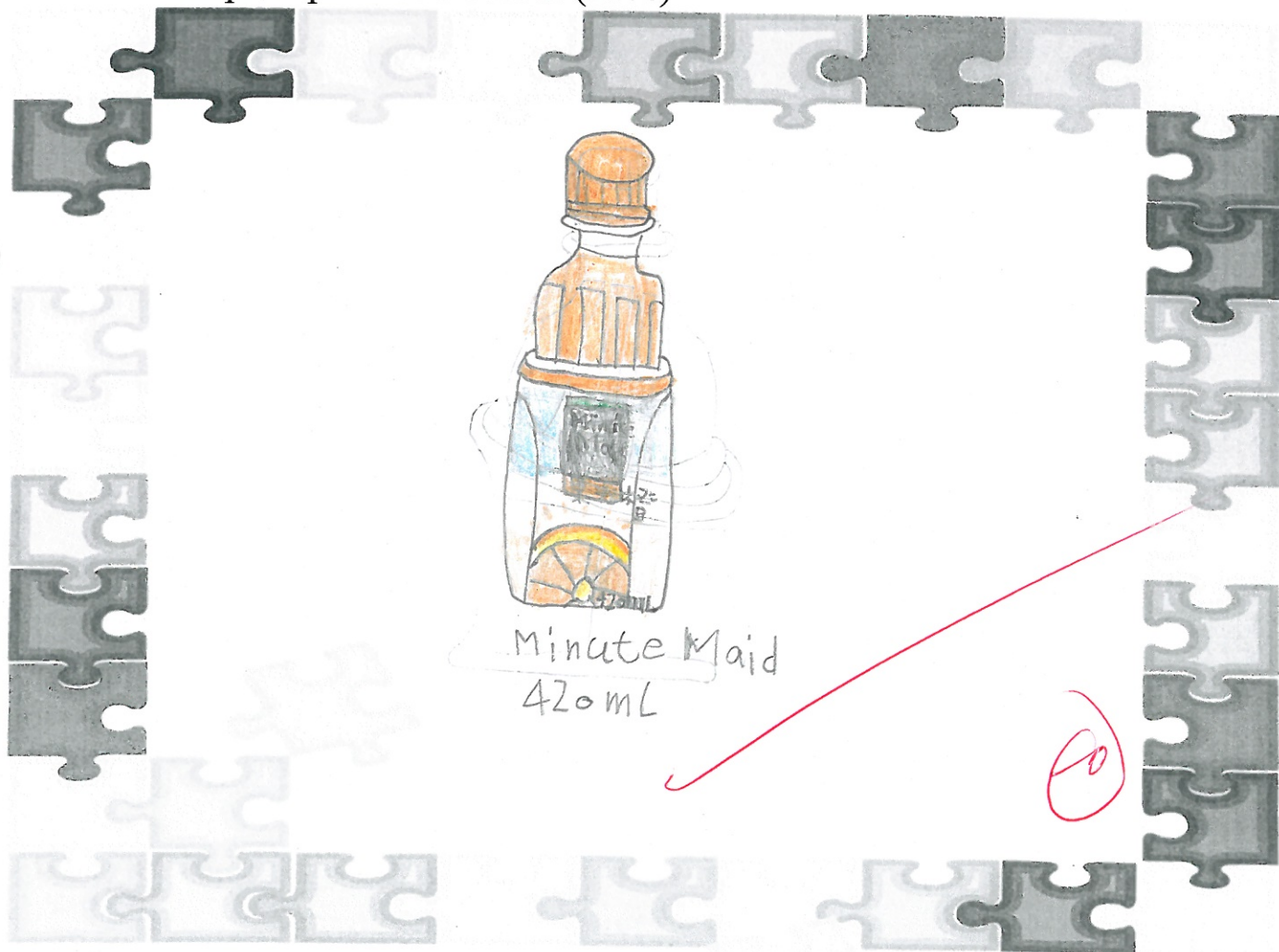
1. Recognise various 1-litre containers.
2. Compare the capacities of containers using 'L' and 'mL'.
3. Draw different kinds of triangles.
4. Make block graph and discuss the block graph made.



Dimensions:

1. Measure 2. Shape and Space 3. Data handling

(A) Create your own cover that relevant to the theme of this project in the space provided below. (10%)



(B) Go to the supermarket that nearest to your home. Check the capacity of different items and record in the table.

1) Find the capacity of five different items that are containing in a 1-litre container. (14% @ 2%)

| | Name of Items |
|------|---|
| e.g. | A box of Trappist Dairy Pure Milk |
| 1. | A bottle of Lambda - Apple juice |
| 2 | A box of Select orange juice |
| 3. | A box of Chabaa pomelo juice |
| 4. | A box of Just Juice paradise punch |
| 5. | A bottle of Lambda mango juice |

*Even the above items are containing in different shapes of containers, but their capacities are (different / same). They are all equal to 1000 millilitres.

(C) Go to the supermarket that nearest to your home. Find out the answers and write on the line. (20% @ 4%)

1. The capacity of one Yakult is 100 mL.

One bottle of 900mL Lion & Globe Corn Oil equals to 9 bottles of Yakult.

2. The capacity of one box of Qoo's is 200mL.

The container of 473mL Lee Kum Kee White Vinegar can at least hold 2 boxes of Qoo's.

3. The capacity of a bottle of Knorr Liquid Seasoning is 205 mL.

A carton of 946mL Kowloon Dairy Hi-Calcium Slimilk can at least hold 4 bottles of Knorr Liquid Seasoning.

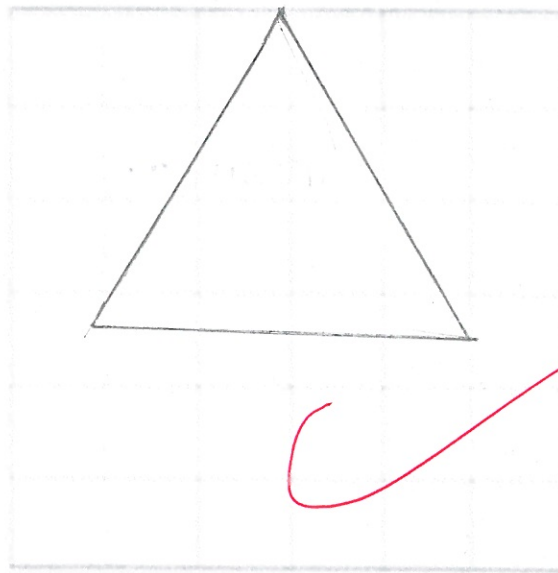
4. The capacity of a bottle of Johnson's baby oil is 200mL.

A 1-Litre Swipe dishwashing detergent's container can hold 5 bottles of Johnson's baby oil.

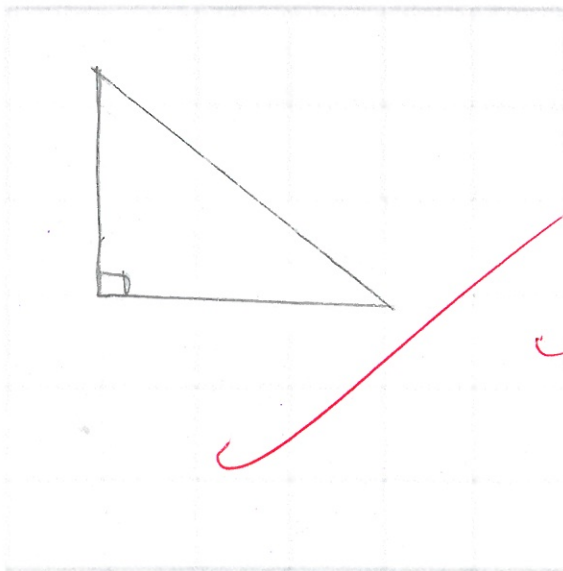
5. A 3-litres Kao floor cleaner is equal to 3 bottles of
muti-purpose concentrated cleaner,
which capacity is 1 litre per one quantity.

(D) To celebrate Mother's Day, Po Kok supermarket will offer a special discount off to all female. Please help Po Kok supermarket to design three leaflets that are in 3 different triangle shapes to promote the special discount. (12% @ 4%)

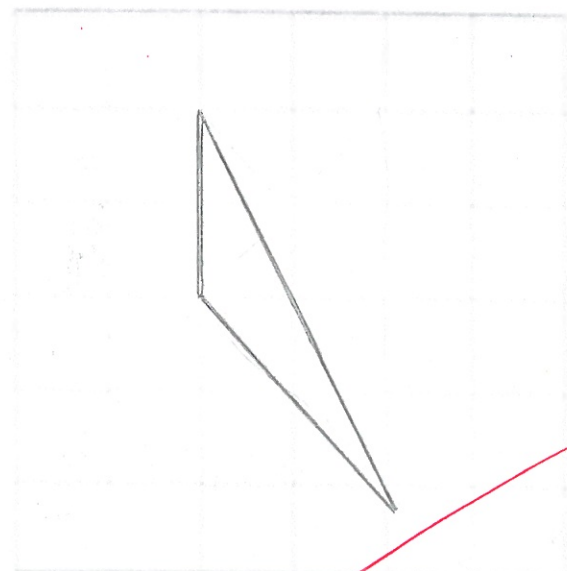
1. Isosceles triangle



2. Right-angled isosceles triangle



3. Scalene triangle



(6)

(E) Vote for the popularity of supermarket in 3(A) class. Record the data and make the block graph. Answer the questions below.

1. Vote and complete the table. (10% @ 1%)

| Kinds of Supermarket | Record with '正' | Number of pupils |
|----------------------|-----------------|------------------|
| PARKnSHOP | 正 T | 7 |
| Wellcome | 正 T | 7 |
| Great | — | 1 |
| City' super | T | 2 |
| Others | 正 正 | 9 |

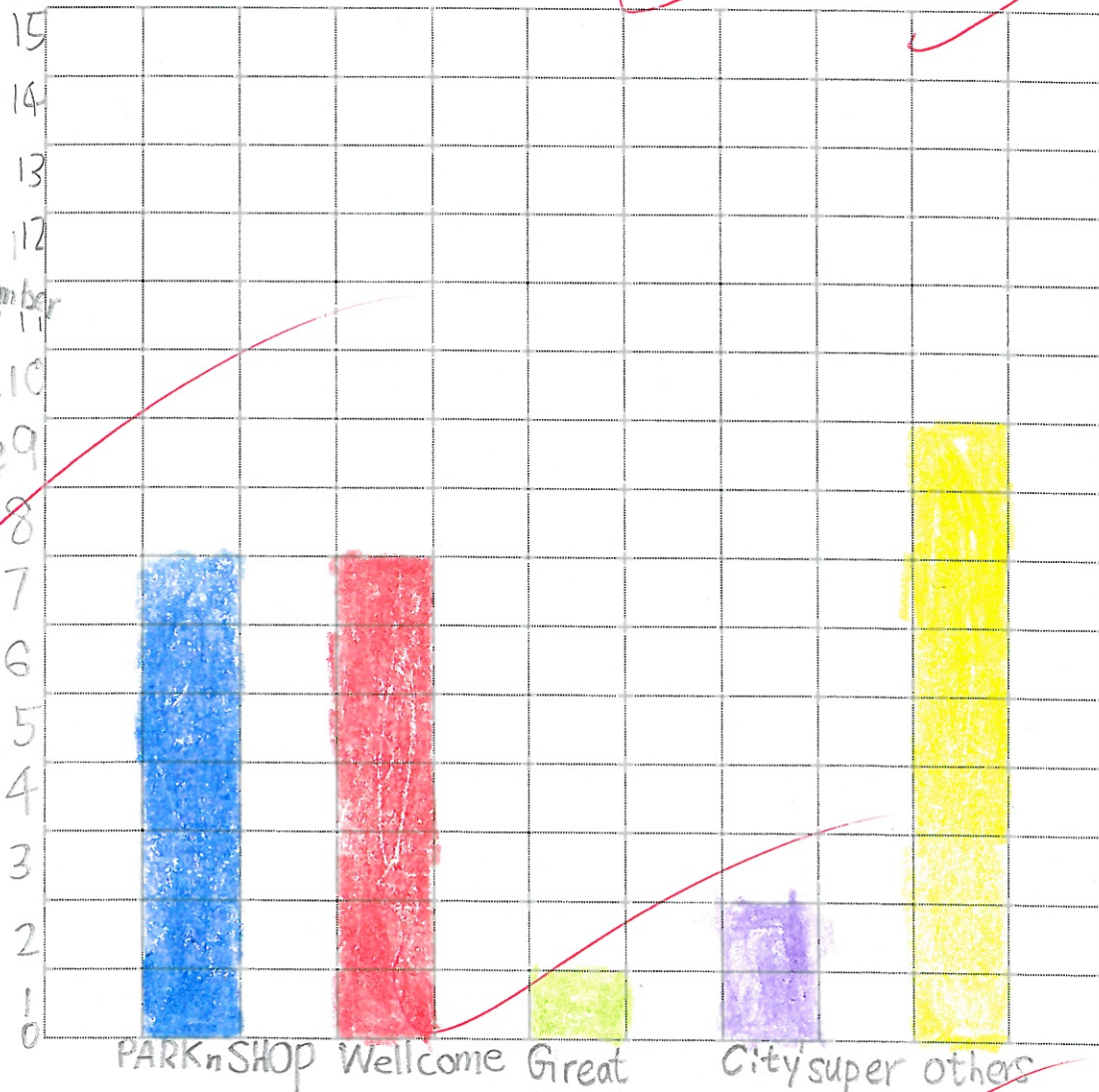
2. Make the block graph. (18% @ 1%)

Title: The popularity of supermarket in 3A class

Each block stands for 1 pupil(s).

3.

The number
of
people



Kinds of Supermarket

Read the block graph. Then fill in the blanks. (16% @ 4%)

a) The most popular supermarket in 3(A) class is others.

9 pupil(s) like it.

b) The least popular supermarket in 3(A) class is Great.

1 pupil(s) like it.

c) The number of pupils who like city' super was 5

fewer than those who like Wellcome.

d) The number of pupils who like others was 2

more than those who like PARKnSHOP.

Mathematics project student self-evaluation form

Class : P.3(A)

Name : Mary (19) Date : 27-5-2015

To assess your overall performance in the project by ticking the appropriate box ☒ in each of the following dimensions.

| | Subject Knowledge | ☺ | ☹ | ☹ |
|---|---|---|---|---|
| 1 | Understand the topic well | ✓ | | |
| 2 | Enhance knowledge of related subject areas | ✓ | | |
| 3 | Apply Mathematical knowledge to the project study | ✓ | | |

| | Research process and result | ☺ | ☹ | ☹ |
|---|---|---|---|---|
| 1 | Can search information from different sources | ✓ | | |
| 2 | Can apply Mathematics knowledge in daily life | ✓ | | |
| 3 | Enhance your observation power | ✓ | | |
| 4 | Enhance your creativity | ✓ | | |

| | Learning attitude | ☺ | ☹ | ☹ |
|---|---|---|---|---|
| 1 | Participate in the learning actively | ✓ | | |
| 2 | Interested in the research activities | ✓ | | |
| 3 | Be able to finish the project on schedule | ✓ | | |

Parent's comments:

She is doing well. Thank you very much

Teacher.

Parent's signature: 