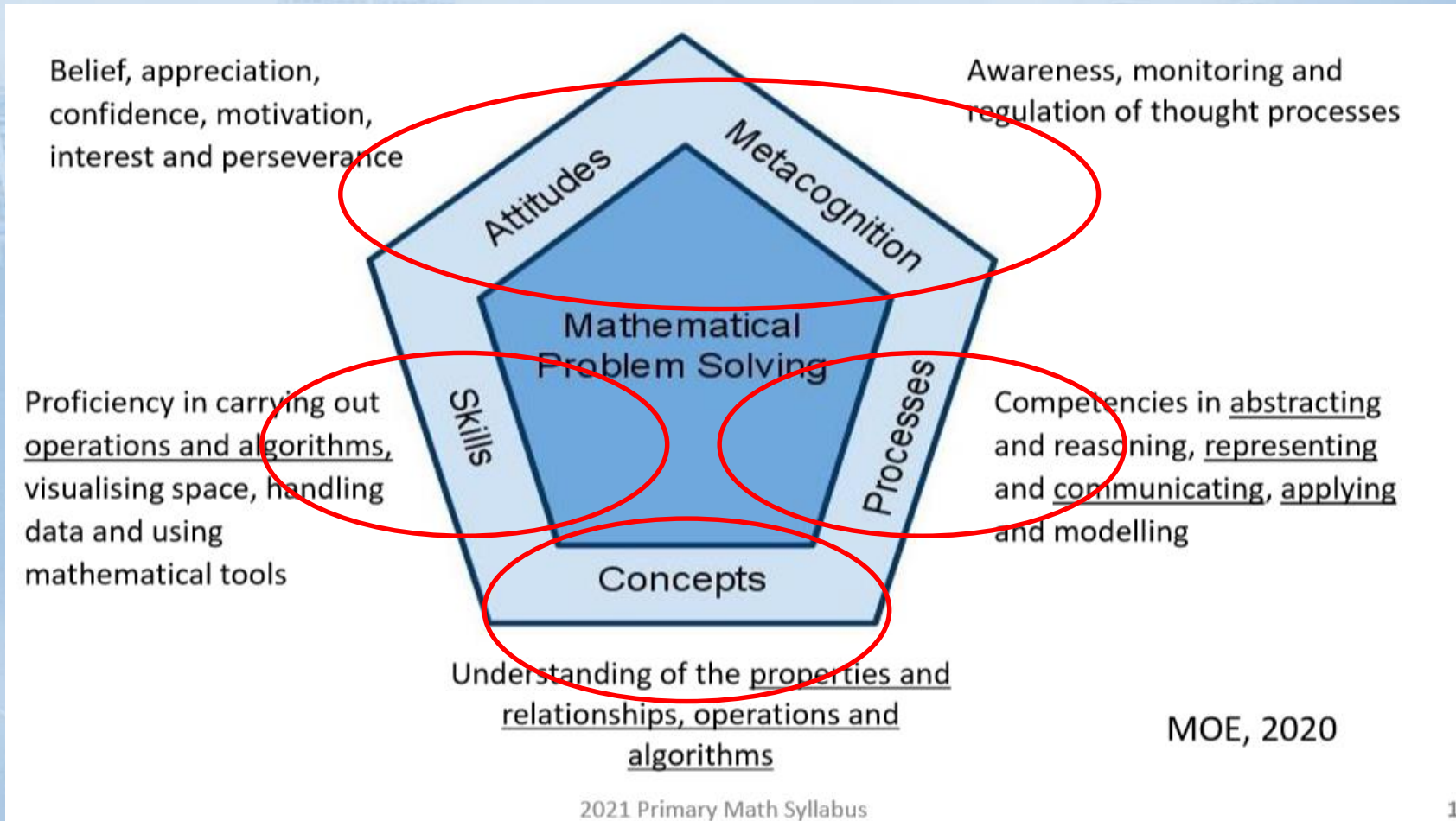


Mathematics
By

Mrs Lee-Guan Meixia
Level Head

Curriculum Framework



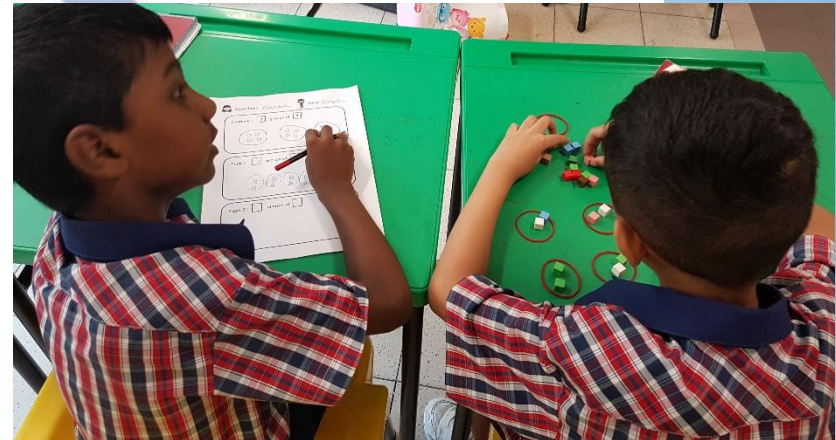
What happens in a P1 Mathematics Class ?



Readiness

**Math songs,
poems, stories**

Learning



**Class quizzes,
PB exercises**

Mastery

Engagement

We Can! Practice

- **W**eekly **c**ard for **n**umeracy
- 5 short questions daily
- Pupils answer using their mini-whiteboards
- Teacher goes through immediately



Example Questions

Rules

1. Write your answer on your mini whiteboard.
2. Turn your mini whiteboard over.
3. Wait for the bell quietly.
4. Show me your answer.
5. Erase your answer when I say so.





Question 1

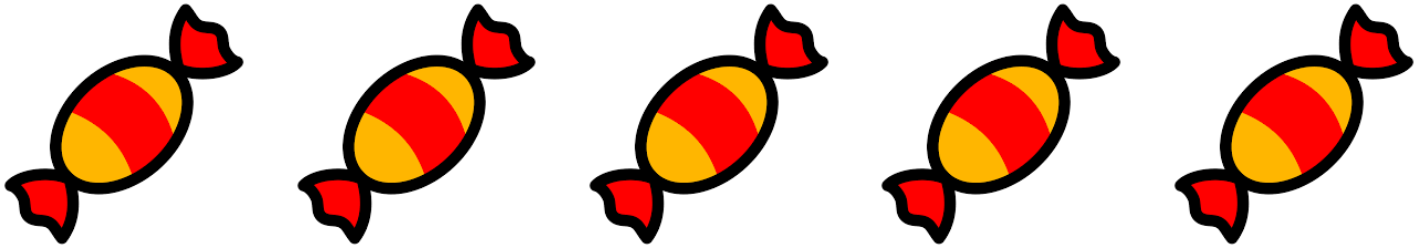
Count and write the correct **number**.





Answer

Count and choose the correct **number**.

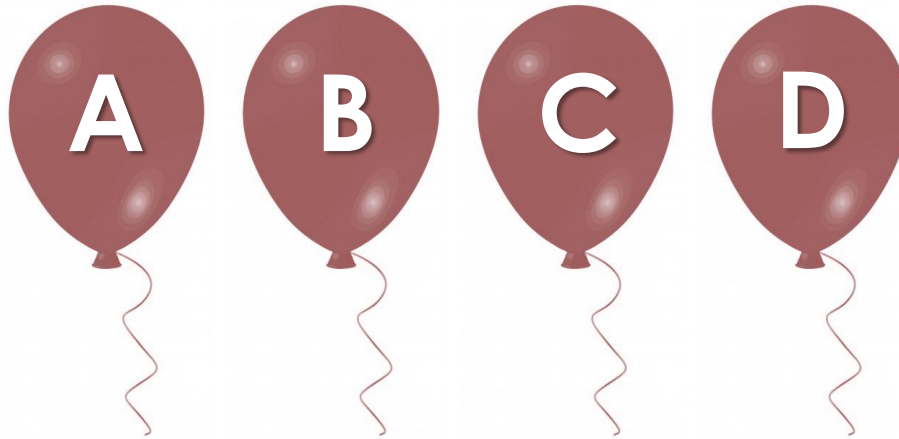


5

Question 2

Which is the **3rd** balloon?

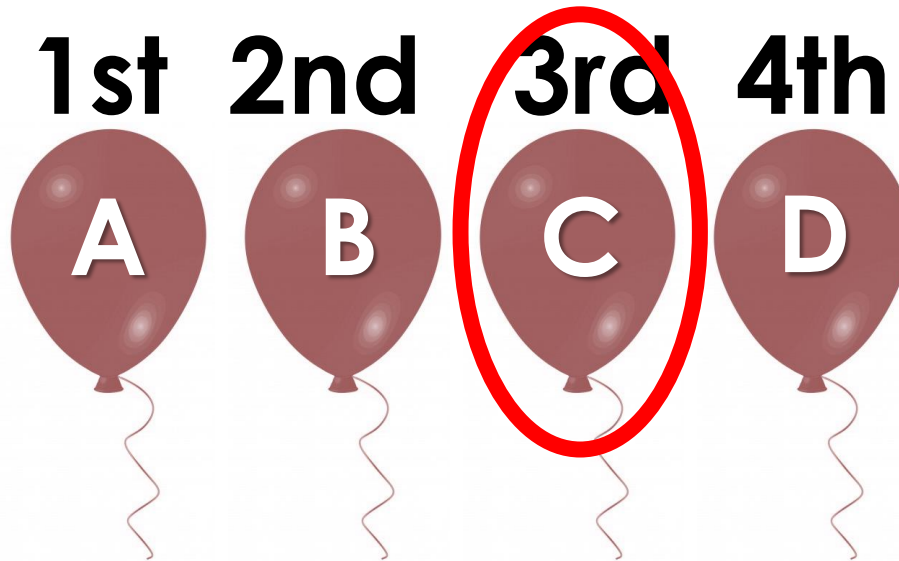
1st





Answer

Which is the **3rd** balloon?



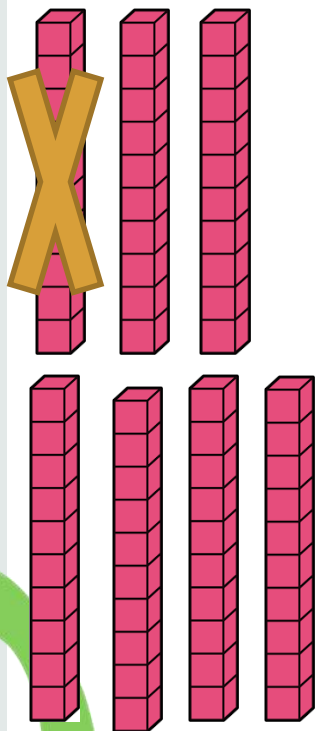
Question 3

$$75 - 19 = \underline{\hspace{2cm}}$$

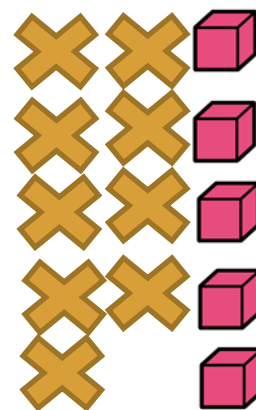


Question 3

$$75 - 19 = \underline{\quad 56 \quad}$$



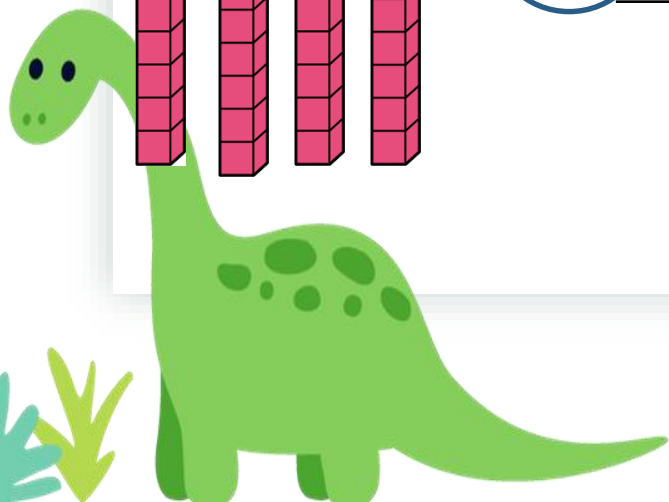
Tens	Ones



I cannot take away 9.

I must

rename



We Can! Quiz

- Each term will have 7 quizzes.
- 10 questions per quiz
- 8 to 10 questions correct to get a star signed
- 1 pupil to 1 card
- Each card consists of 14 stars to be achieved

_____'s Weekly Math Scorecard

How have you fared this week?



NEVER
Give
UP

Let your
Light
Shine

YOU'VE
TOTALLY GOT
THIS!




How is Mathematics taught in a P1 class ?



Authentic Learning – Outdoor Learning Experiences

Length

My Outdoor Learning Experience



Name: _____



Activity 1

Leaf Hunt



Head to the parade square.

Pick up 3 leaves from the floor and compare their lengths.

Trace and draw the longest leaf here:

Trace and draw the shortest leaf here:



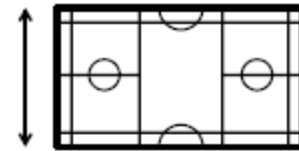


Activity 2

Which unit do we use?

Mrs See wants to change the paint on the floor in the hall to a new colour.

You are given 2 non-standard units (handbook and hula hoops) to measure the length.



The length of the court is ____ handbooks long.

The length of the court is ____ hula hoops long.

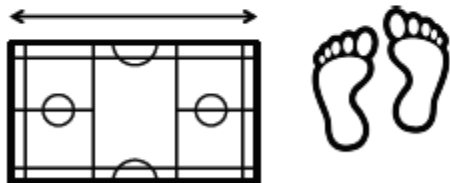
Which non-standard unit do you think will be a better choice?

Handbook / Hula hoop



Activity 3

Who took more steps?



Walk along the path shown above.
Record down the number of steps taken.

How many steps did you take?

How many steps did the giant take?

Who took more steps?

me / giant

Why do you have different number of steps from the giant?

.....

Reflection



What did I learn?

When I have a shorter unit, I will use

units to measure the length.

more / less

When I have a longer unit, I will use

units to measure the length.

more / less

	My feelings...
I know how to compare lengths	
I enjoyed myself in this activity	

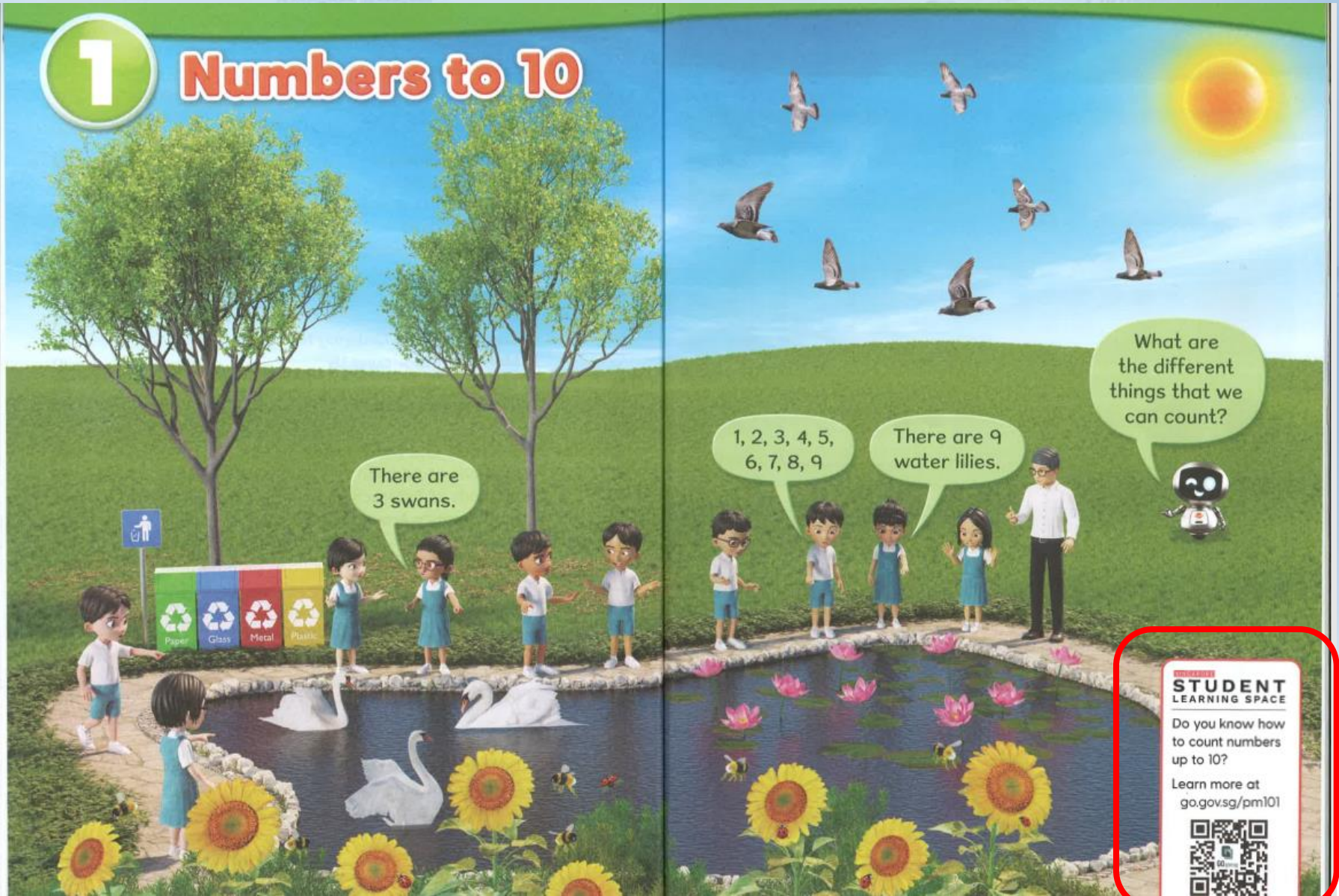
Authentic Learning - Performance Tasks

- Hands-on activities
- Provide information of pupils' learning



SLS Features in the New Textbook

1 Numbers to 10



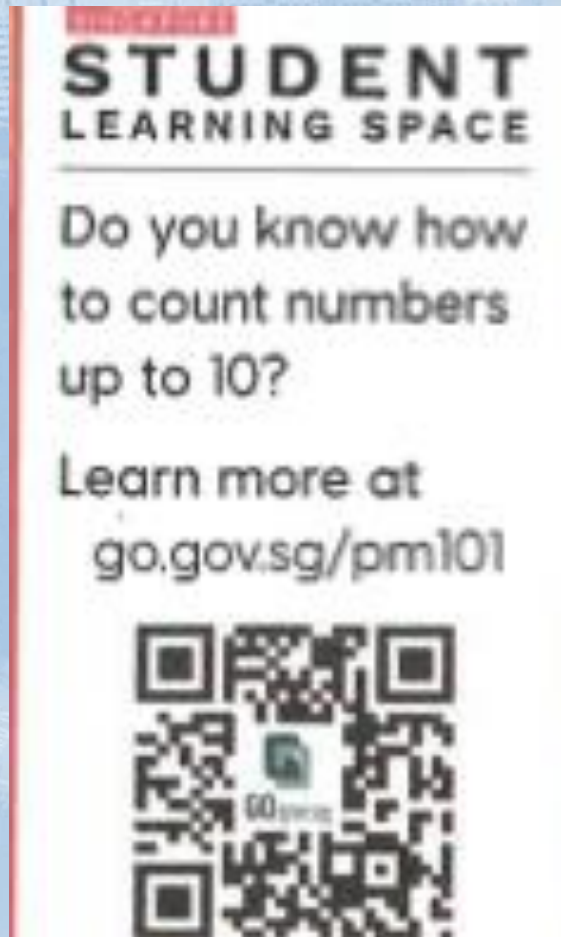
**STUDENT
LEARNING SPACE**

Do you know how to count numbers up to 10?

Learn more at go.gov.sg/pm101




How to access the SLS content?



**STUDENT
LEARNING SPACE**

Do you know how to count numbers up to 10?

Learn more at
go.gov.sg/pm101



Using the computer:

Type in the address in your **Google Chrome** browser

Using mobile devices:

Scan the QR code

Parents, please use the next 2 minutes explore the content.

Numbers up to 10

Learn how to count numbers up to 10.

START


Activity List

- Introduction
- 1 Knowing Numbers up to 10
- 2 Counting Things up to 10
- 3 Writing Numbers up to 10 in Words
- Completion


Help us improve

Need help? ^

Interactive activity for counting



Counting Up



Counting Down



HELP!!
SAVE MY BREAD!

Learning Video

six
6



Interactive activity for counting

Put Ten ladybirds on the leaf.

An interactive activity interface. It features a large green leaf with a small hole on its right side. To the right of the leaf is a vertical column of ten red ladybirds with black spots. A text box at the top left of the leaf area says "Put Ten ladybirds on the leaf." A blue "Submit" button is located at the bottom right of the leaf area.

Submit

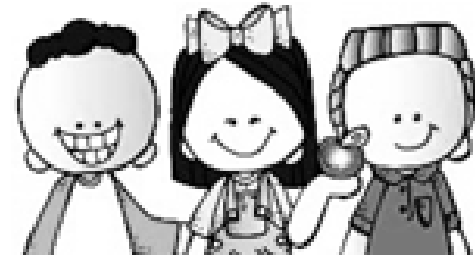
When to use the SLS materials?

- It would be helpful to use them for revision.
- Avoid learning the content in advance so that your child will be engaged during lessons in school.

Feedback on Learning

- Feedback in a form of rubrics

I can...



	Emerging	Approaching Expectations	Meeting Expectations	Exceeding Expectations
Add numbers within 10				
Subtract numbers within 10				
Write an addition equation.				
Write a subtraction equation.				
Order numbers within 10.				
State number bonds for numbers up to 10.				



Math around the school

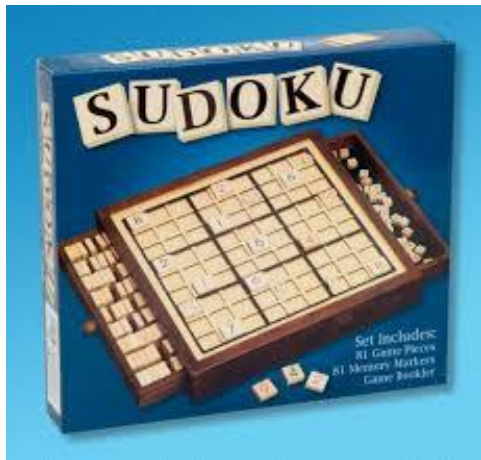
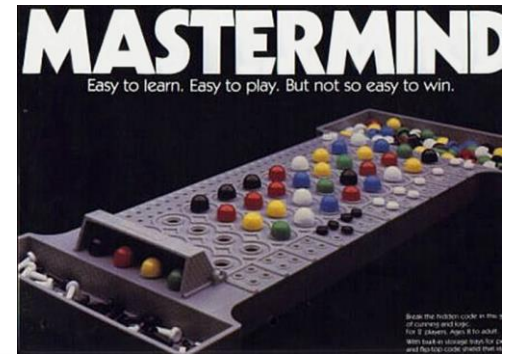
Free Access **F A M E** Corner **nce** Corner





PLAY

GAMES



FAME Online

FAME Corner

October

GAME OF THE MONTH

Supporting your child in the learning of Maths...

Increase Math Talk with your child in daily life



Talk about time



Read math picture books

Point out numbers in everyday life

Supporting your child in the learning of Maths...

Tap opportunities from the surrounding situations which make math learning authentic



Shopping at the supermarket



Cooking with children

Supporting your child in the learning of Maths...

Tap opportunities from the surrounding situations which make math learning authentic

TICKETS			
Park Hopper (Admission + *Night Safari tram ride)			
		Adult	Child (3 - 12 yrs)
All 3 Parks*			
Zoo + Night Safari*	Save up to \$12	\$58.00	\$38.00
Zoo + Bird Park		\$42.00	\$28.00
		\$32.00	\$21.00
Zoo-per Saver			
Admission + Unlimited Boat & Tram Rides	Save up to \$4	\$27.00	\$17.00
Admission + Tram Rides		\$25.00	\$16.00
Admission Only		\$20.00	\$13.00

$+ h \{a_n\}^k \quad \varphi \circ U$