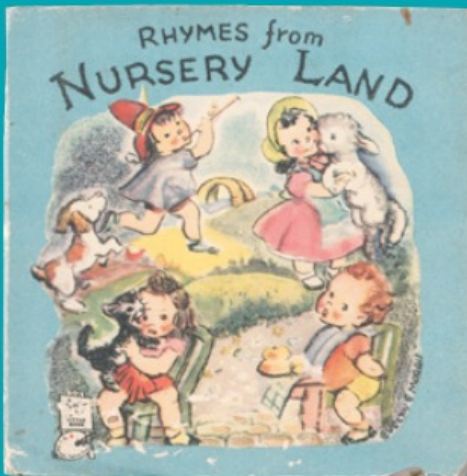


N S M
National Museum
of Singapore

SHAPES


Early Learning at the National Museum
Online Resource Kit



Recommended
for ages
1 to 6
years old

Shapes Online Resource Kit

What is this kit about?

Developed together with Wigglepods Pte Ltd, this kit contains five activities based on the Shapes Early Learning Resource booklet , for parents and educators to:

- Help children relate to, better understand, and talk about local artefacts in the museum's collection, while learning more about shapes.
- Enjoy music and movement activities with children and be inspired to come up with more activity ideas based on the museum's artefacts.

Children will get to practise cognitive and numeracy skills such as focusing, visual imaging, comparing and sorting. With many of the activities incorporating elements of music and movement, children can also hone their motor skills, concentration and creativity.

How do I use this kit?

1. Explore the Shapes Early Learning Resource booklet with your child before trying the activities in this kit.
2. Print out the activity sheets in this kit to work on them together with your child.
3. Play the video clips and sing and dance along!
4. Look out for info nuggets about selected artefacts on the answer sheets and share them with your child!

Content

1.	Odd One Out	1
	Answer Sheet	4
2.	My Other Half	6
	Answer Sheet	9
3.	Scrambled Shapes	11
	Answer Sheet	13
4.	Let's Make Shapes	14
5.	Shapes Hunt	16

Odd One Out

Oh dear! The artefacts need your help! Some of them are placed in the wrong group. Flip through the Shapes Early Learning Resource booklet to figure out which artefact is the odd one out.

Recommended Age

3+

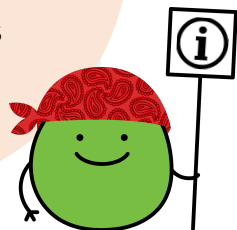
Key Concepts

- Fine motor skills: Use of writing materials
- Cognitive skills: Compare and contrast, problem-solving, visual perception
- Numeracy skills: Comparing, sorting

A Note for Parents

Visual discrimination

- The ability to recognise details in visual images such as the likeness and differences in objects
- Aids in reading and writing



Odd One Out

Circle the artefact that is different from the rest.



hair cream



hair cream



perfume bottle



hair cream



intercom



cheese plate



cheese plate



cheese plate



purse



book of rhymes




purse



purse

Odd One Out

Flip through the . Circle the artefact that has a different shape from the rest.



map



war medals



radio cassette
recorder



suitcase



police shield



cannon ball



coins



pendant



flag



five stones



badge



ladle

Odd One Out

Answer Sheet



hair cream



hair cream



perfume bottle



hair cream



intercom



cheese plate



cheese plate



cheese plate



This intercom is a communication device which allows the policeman speaking into the phone to be heard on a speaker by people at different locations.



purse



book of rhymes



purse



purse

Odd One Out

Answer Sheet



map



war medals



radio cassette
recorder



suitcase



police shield



cannon ball



coins



pendant



This rattan shield was used by the police force to stop people from fighting in the 1950s - 1960s.



These coins were used in Singapura over 600 years ago!



flag



five stones



badge



ladle

My Other Half

The artefacts are split into two and missing their other halves. Get your pencils ready! We need you to help them find each other.

Recommended Age

3+

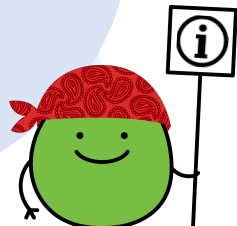
Key Concepts

- Fine motor skills: Use of writing materials
- Cognitive skills: Focusing, problem-solving, visual perception
- Numeracy skills: Identification, matching

A Note for Parents

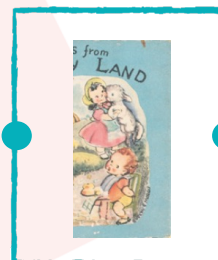
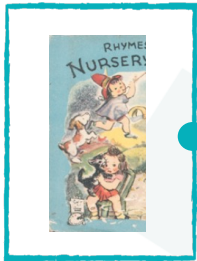
Part-part-whole relationships

- Help develop understanding of how numbers are made up of other numbers
- Prepare children for mathematical concepts such as fractions

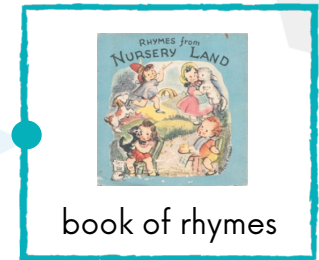


My Other Half

Connect each artefact to its other half and make it whole again.



signboard



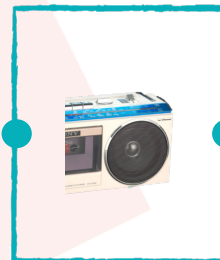
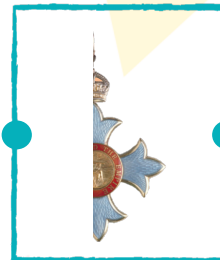
book of rhymes



night-soil bucket

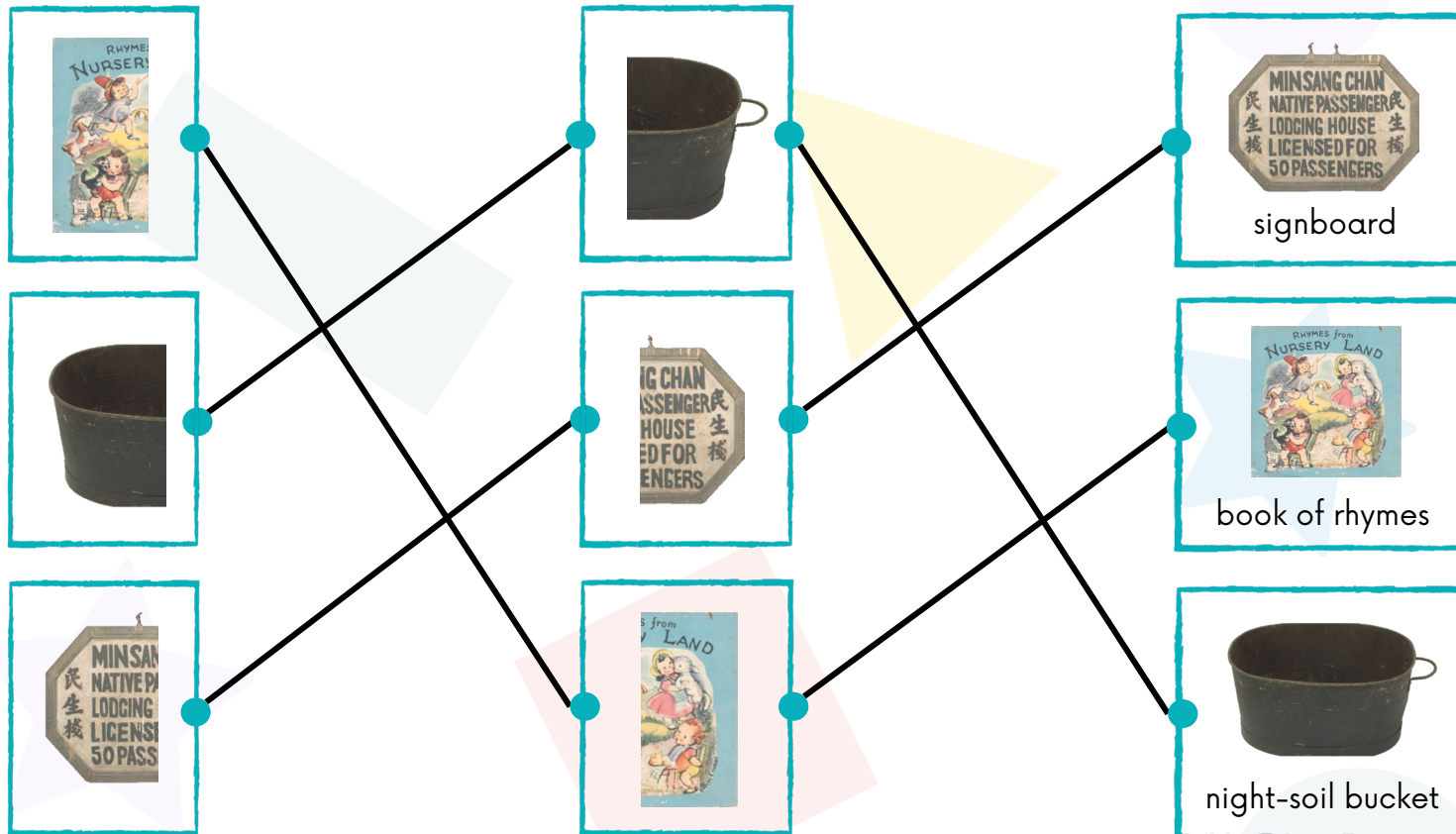
My Other Half

Connect each artefact to its other half and make it whole again.



My Other Half

Answer Sheet



signboard



book of rhymes



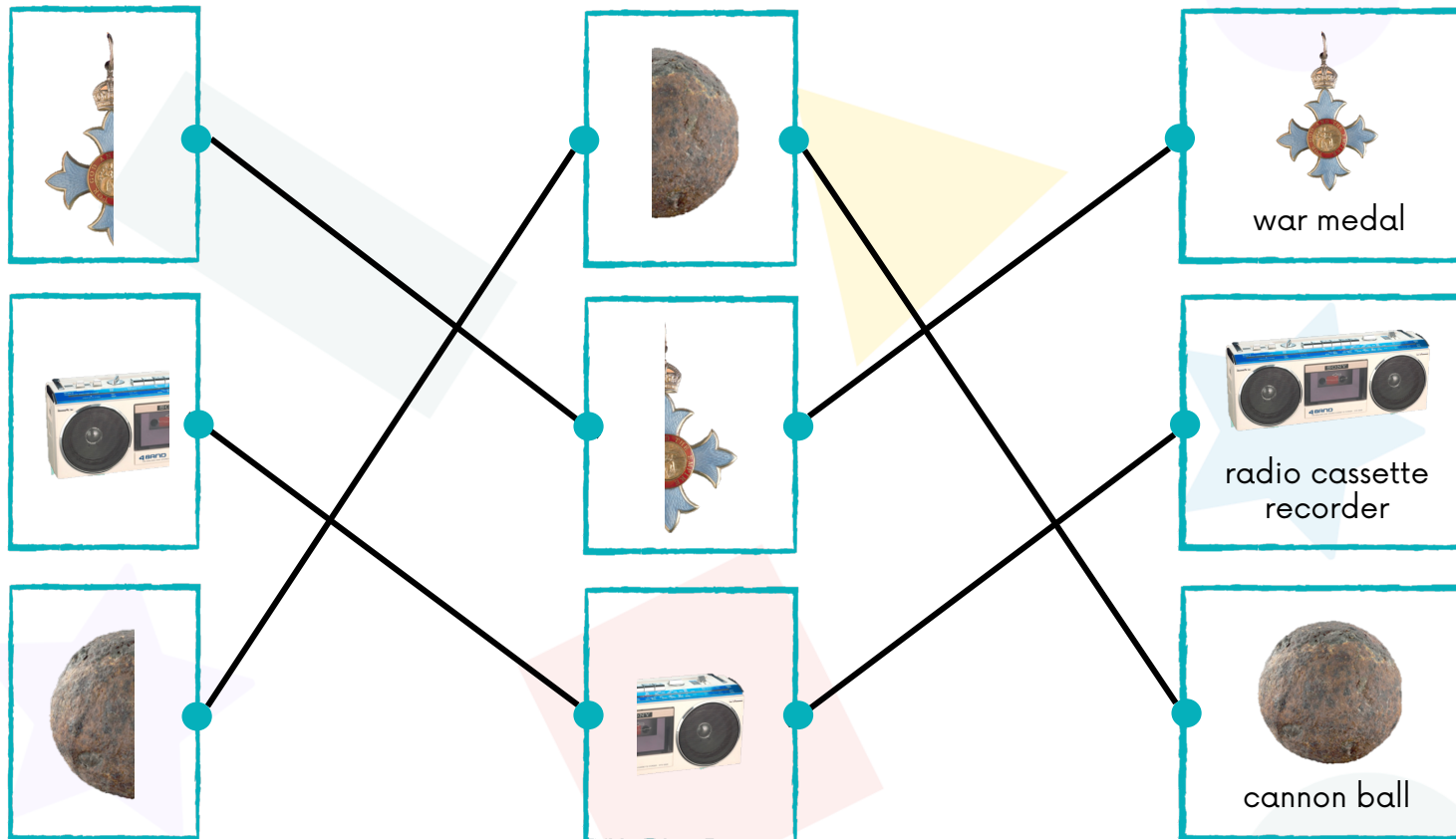
night-soil bucket

Imported books like this one from the United Kingdom were rare among young children living in kampongs in the 1950s.

In the 1900s, there were no flush toilets, so buckets like this were used to collect a family's poo.

My Other Half

Answer Sheet



Did you know? This radio cassette recorder was used in the 1970s to record and play sound. With improved technology over the years, we can even record and play sound on our mobile phones now!

Scrambled Shapes

Oh no! The artefacts from the Shapes Early Learning Resource booklet are all mixed up. Help us sort and count the artefacts.

Recommended Age

4+

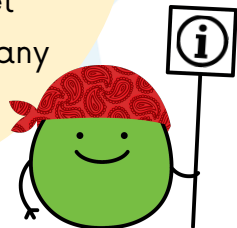
Key Concepts

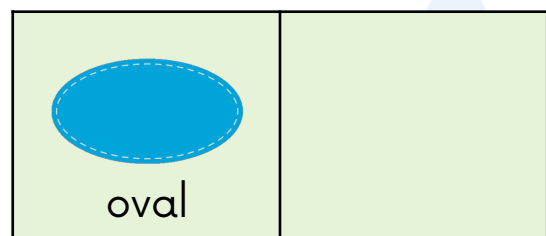
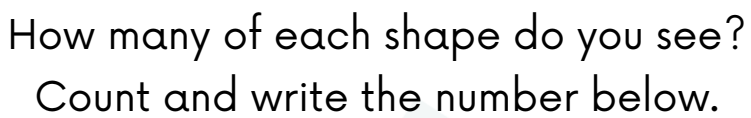
- Fine motor skills: Use of writing materials
- Cognitive skills: Focusing, problem-solving, visual perception
- Numeracy skills: Counting, identification, matching

A Note for Parents

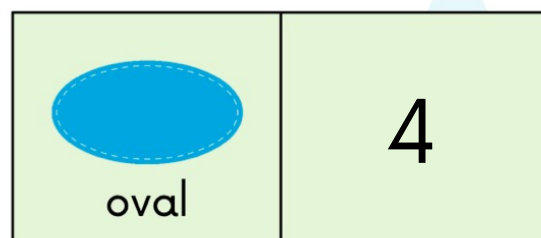
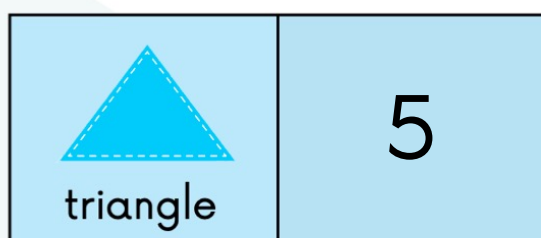
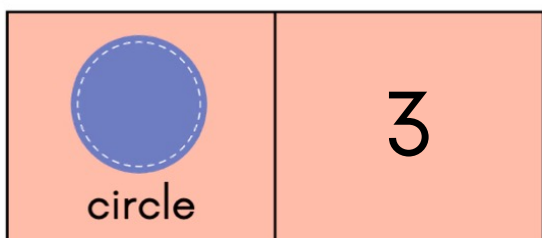
Cardinality

- The ability to understand that the last number counted when counting a set of objects is the number of objects in that set
- Helps children know how many objects are in a set





Answer Sheet



Let's Make Shapes

Can you make a circle with your arms? What about forming a rectangle with your fingers? Join us as we move to the song and find different ways to form various shapes with our body!

Recommended Age
3+

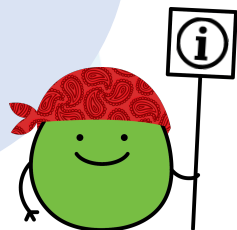
Key Concepts

- Gross motor skills: Coordination, body awareness, space awareness
- Cognitive skills: Visual imaging
- Numeracy skills: Basic shapes

A Note for Parents

Making shapes with our bodies

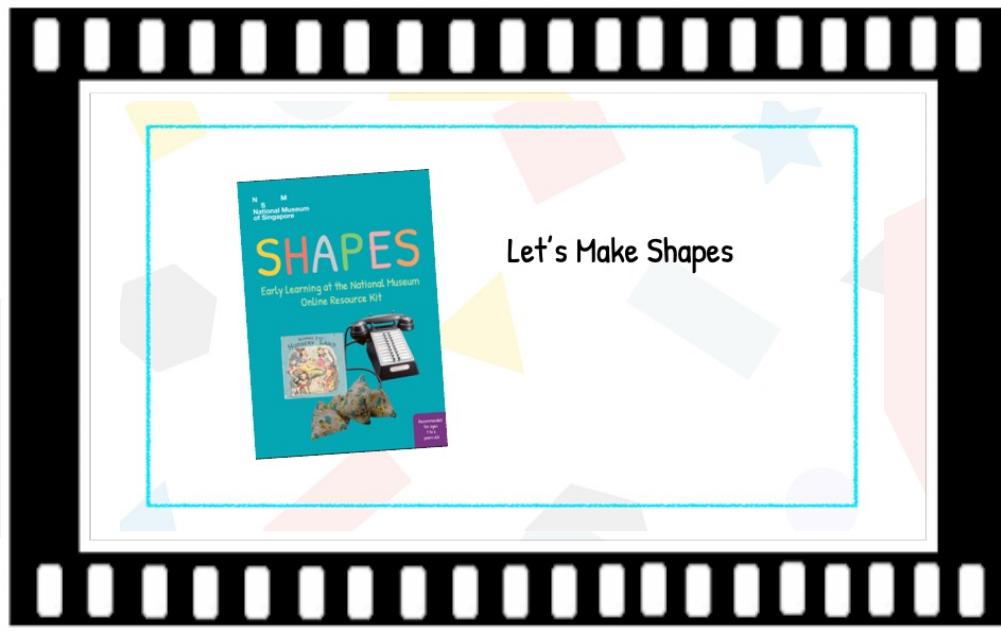
- Stimulates problem-solving
- Aids in body control, coordination and balance
- Allows exploration of the body and the range of movement



Let's Make Shapes

Let's make shapes with our bodies! Play the video and move along together!

Let's Make Shapes



As toys sold in departmental stores were expensive, children in the past would use their creativity and resourcefulness to make their own. These five stones are made from scrap cloth pieces and filled with beans or stones.



This ladle is quite different from the ladles we use today. Do you know what material is commonly used to make ladles now? Do you still see triangular shaped ladles today?

Shapes Hunt

Circles! Rectangles! Trapeziums! So many shapes! Sing along with us in the video as we identify the shapes of the artefacts. Can you find them all?

Recommended Age

3+

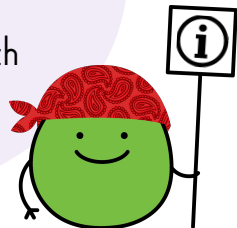
Key Concepts

- Cognitive skills: Visual imaging
- Numeracy skills: Basic shapes, identification, sorting

A Note for Parents

Learning shapes

- Helps identify and organise visual information
- Enhances reading, Math and Science skills



Shapes Hunt


Play the video. Let's find the shapes mentioned in the song!

■◀ *Shapes Hunt*





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