

N S M
National Museum
of Singapore

OPPOSITES

Early Learning at the National Museum
Online Resource Kit



Recommended
for ages
1 to 6
years old

Opposites Online Resource Kit

What is this kit about?

Developed together with Wigglepods Pte Ltd, this kit contains five activities based on the Opposites 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 opposites.
- 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 fine motor and numeracy skills such as using of writing materials and cutting tools, classifying and identifying. 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 Opposites 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.	Opposites Attract	1
	Answer Sheet	4
2.	Cut and Paste	6
	Answer Sheet	9
3.	Are They Opposites	10
4.	Let's Dance	12
5.	I See Opposites	14
	Answer Sheet	17

Opposites Attract

The artefacts are scrambled and they need help finding their opposites! Flip through the Opposites Early Learning Resource booklet to match the artefacts to their opposites.

Recommended Age

3+

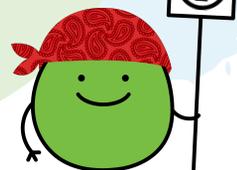
Key Concepts

- Fine motor skills: Use of writing materials
- Cognitive skills: Problem-solving
- Numeracy skills: Comparing

A Note for Parents

Higher order thinking skills such as critical and logical thinking

- Allow children to explore, question, probe, clarify, connect and apply information



Opposites Attract

Flip through the  and circle the correct opposite!



hard



heavy



whole



soft



thick



rough



thin



light



colourful



plain



smooth



many

Opposites Attract

Flip through the  and circle the correct opposite!



whole



plain



thick



broken



shiny



dull



small



long



many



short



few



big

Opposites Attract

Answer Sheet



hard



heavy



whole



soft



thick



rough



thin



light



This note was issued by the Japanese government for use in Singapore during the Japanese Occupation in 1942. Such notes were commonly known as “banana money”, because of the banana tree motif printed on the note.



colourful



plain



smooth



many

Opposites Attract

Answer Sheet



whole



plain



thick



broken



A tureen is a deep covered bowl originally used to serve soup or stew.



shiny



dull



small



long



many



short



few



big

Cut and Paste

Get your scissors, glue and pencils ready! Flip through the Opposites Early Learning Resource booklet to identify the opposites of each artefact. Cut and paste the correct artefact into the box.

Recommended Age

5+

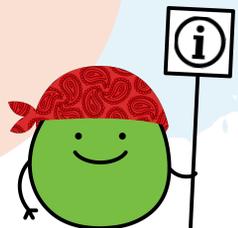
Key Concepts

- Fine motor skills: Use of writing materials and cutting tools
- Cognitive skills: Problem-solving
- Numeracy skills: Identification, matching

A Note for Parents

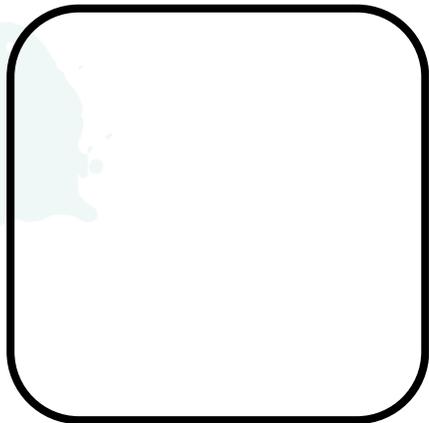
Cutting with scissors

- Develops bilateral and eye-hand coordination skills
- Provides foundations needed to develop pencil control



Cut and Paste

Flip through the  to find the opposite! Cut out the correct artefact and paste it into the box. Fill in the blank with the opposite.



heavy



TO ALL ALLIED PRISONERS OF WAR

THE JAPANESE HIGH COMMAND HAS DETERMINED UNCONDITIONALLY AND THE WAR IS OVER.

We will get together to you as soon as it is possible. It is possible that you will have to stay in the area for some time, but we will do our best to see that you are comfortable. We will be with you in the future as our soldiers do.

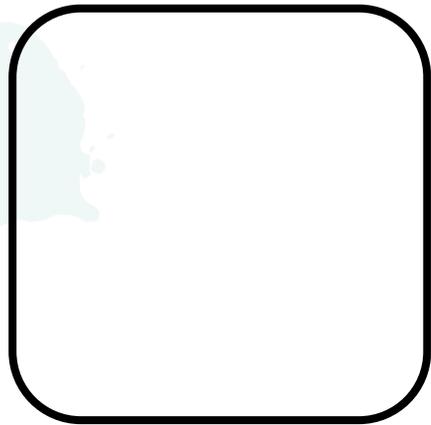
YOU will be in the hands of the Japanese in the following:

- (1) Stay in your camp until you get further orders from here.
- (2) Start preparing essential stocks of provisions, clothing and other necessities.
- (3) List your most urgent necessities.
- (4) If you have been injured or wounded in the past, please DO NOT get large quantities of food, drink, or supplies at first. It is important for you to do so, because quantities of food and supplies are scarce and will be distributed to the most needy. For those who are really ill or very weak, food and medicine will be sent to you as soon as possible. The same applies to those who have been injured or wounded. The most important thing is that you should be treated. We will do our best to see that you are comfortable and that you are safe from the Japanese. Stay in your camp until you get further orders from here.
- (5) Local authorities and/or Allied officers will take charge of your affairs in a very short time. Be guided by their advice.



Cut and Paste

Flip through the  to find the opposite! Cut out the correct artefact and paste it into the box. Fill in the blank with the opposite.



rough



Cut and Paste

Answer Sheet



heavy



This anchor weighs over 1,600 kilograms and was used by a big ship that was sunk in the war.



light



rough



smooth



The Singapore Stone has been dated from the 10th to 14th centuries, making it possibly 1,000 years old! There are some writings on it, but no one can make out what it says.

Are They Opposites?

Shiny and dull. Heavy and light. Are they opposites? Sing along with us in the video as we figure out the opposites together!

Recommended Age

3+

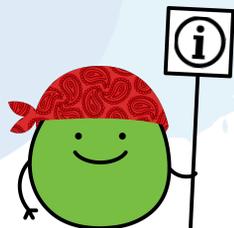
Key Concepts

- Cognitive skills: Problem-solving
- Numeracy skills: Comparing, identification

A Note for Parents

Learning opposites

- Aids in the ability to describe things through comparison
- Helps children gain vocabulary



Are They Opposites?

Play the video and let's find out if the artefacts are opposites of the other.

▶ Are They Opposites?



Did you know? Amahs came from China to work as domestic helpers to wealthy families. Amahs employed to take care of babies would often use such cloth carriers to carry the child "piggyback" style.

Let's Dance

Let's get grooving! Put on your dancing shoes and get ready to move around the room as we learn about opposites from the Opposites Early Learning Resource booklet.

Recommended Age

3+

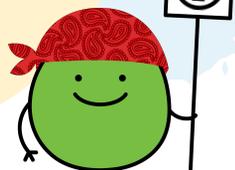
Key Concepts

- Gross motor skills: Coordination, body awareness, space awareness
- Numeracy skills: Classification, identification

A Note for Parents

Body awareness

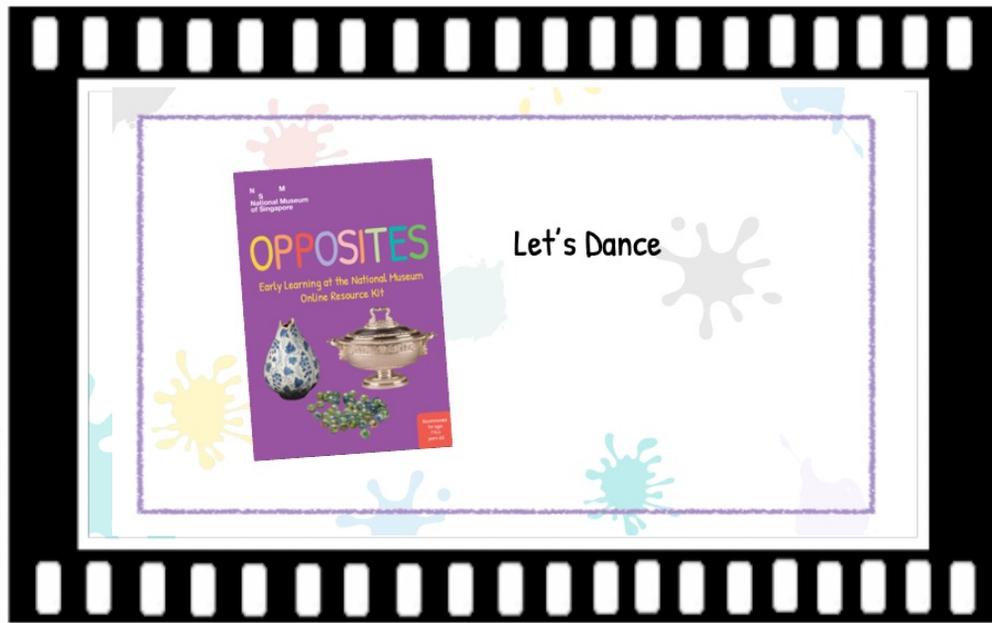
- Aids in children's understanding of spatial relationships
- Enhances motor and coordination skills



Let's Dance

Play the video and let's move to the music. Get ready to look for things in the room too!

▶ *Let's Dance*



This mace was presented to Singapore in celebration of it being granted City status by King George VI in 1951.

I See Opposites

There are many opposites around us. You can find them in the Opposites Early Learning Resource booklet, and even at home! Get your pencils and colouring materials ready. Let's find and draw them!

Recommended Age

5+

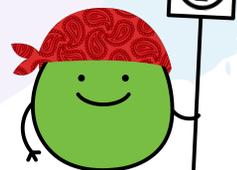
Key Concepts

- Fine motor skills: Use of writing materials
- Cognitive skills: Problem-solving
- Numeracy skills: Classification, identification, matching

A Note for Parents

Observational drawing

- Improves drawing skills
- Strengthens language skills as children communicate what they see and think



I See Opposites

Flip through the  and identify the image and its opposite. Then, find something at  that has the same traits. Draw and colour the image.



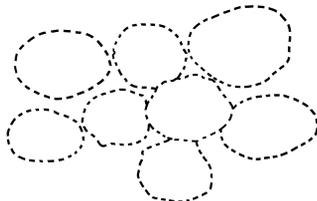
soft



h _ _ _



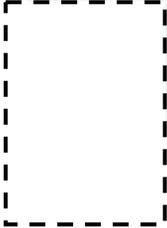
shiny

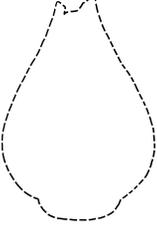


d _ _ _

I See Opposites

Flip through the  and identify the image and its opposite. Then, find something at  that has the same traits. Draw and colour the image.

 <p>heavy</p>	   I _____
---	--

 <p>rough</p>	   S _____
--	---

I See Opposites

Answer Sheet



soft



hard



shiny



dull

I See Opposites

Answer Sheet



heavy



light



rough



smooth





All artefact images belong to the Collection of the National Museum of Singapore, National Heritage Board. The Museum reserves the rights to make changes to the content without prior notice. All rights reserved. Materials in this kit may not be reproduced in part or in whole without written consent of the Museum. © Copyright 2021.