

# 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.






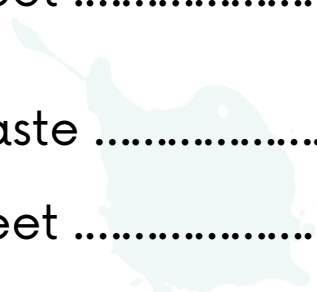
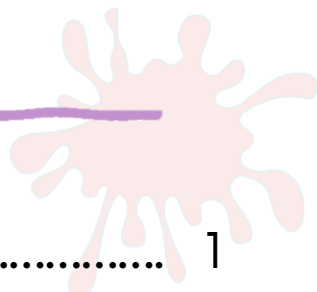
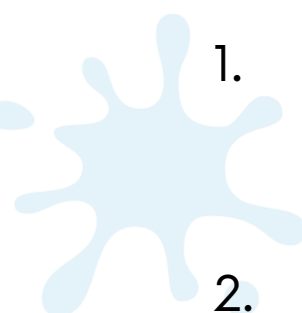
Children will get to practise fine motor and numeracy skills such as using of writing materials and cutting tools, classifying and identifying. With many of the activities incorporating elements of music and movement, children can also hone their motor skills, concentration and creativity.

## 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!

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# 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+

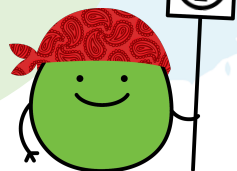
## Key Concepts

- 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



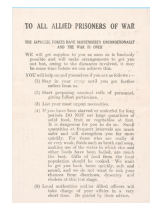
thick



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+

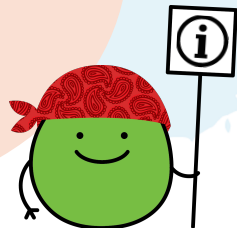
## Key Concepts

- 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



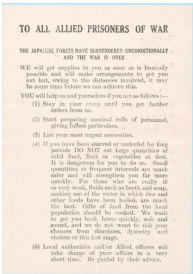


# Cut and Paste


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.

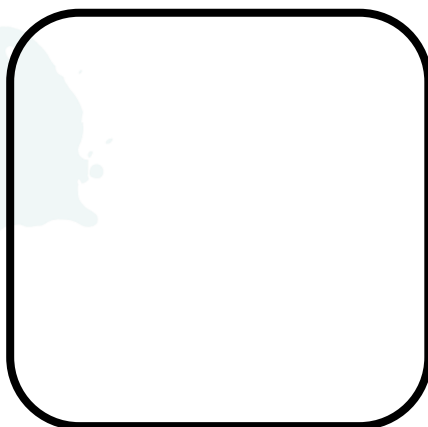


heavy



## 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



light



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



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+

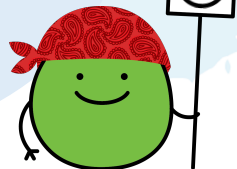
## Key Concepts

- 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+

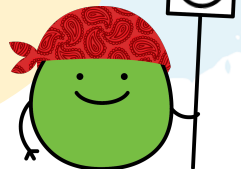
## Key Concepts

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

## A Note for Parents

Body awareness

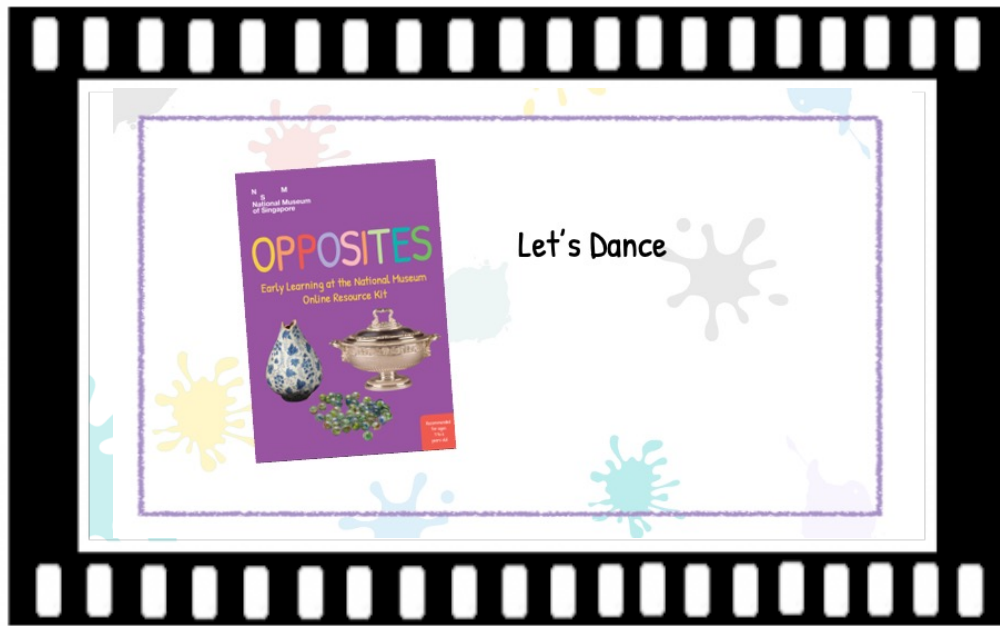
- Aids in children's understanding of spatial relationships
- Enhances motor and coordination skills



# 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+

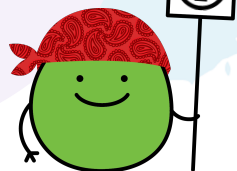
## Key Concepts

- 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.



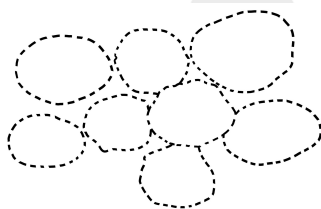
soft



h \_ \_ \_



shiny





d \_ \_ \_



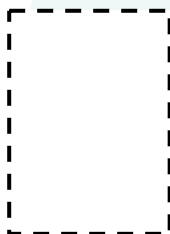


# I See Opposites

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



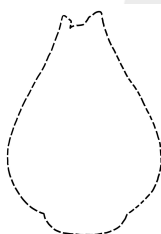
heavy



I \_\_\_\_\_



rough



s \_\_\_\_\_



# I See Opposites

## Answer Sheet



soft



hard



shiny



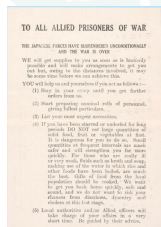
dull

# I See Opposites

## Answer Sheet



heavy



light



rough



smooth





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