

ARCHITECTURE ADVENTURE PRE-VISIT RESOURCE FOR PRE-SCHOOL EDUCATORS

Introduction

The *Architecture Adventure* workshop presents a clear and engaging overview of the importance of architecture in our lives, and examines the shapes and features which can be found in buildings, including in ArtScience Museum. All students will receive a sticker and colouring book which will remind them of the buildings and structures at Marina Bay Sands. This can be used to explore the workshop themes in more detail back at school.

This resource provides information on the areas addressed during the workshop, together with relevant curriculum links.

Aims

For pre-school students to learn about shapes in architecture and the purpose of certain structures (e.g. pillars and beams) through exploring the ArtScience Museum building.



Workshop content

A LOOK AT THE BUILDING: OUTSIDE

On arrival and after being greeted by one of our Docents, students identify where they are and what the purpose of a museum is. They look at the building and are asked what object they think it looks like. Students are encouraged to spot shapes and patterns they can find in the ArtScience Museum building (from windows to structures).

After this, students head to the Education Space (B1) for workshop activities.

WARM-UP EXERCISE

Observing images of four iconic buildings in the world, students - independently and in pairs - use their bodies to form the shape/elements of the buildings.

ILLUSTRATED STORY

Students discover more about the architecture in Marina Bay Sands as they follow Ah Tek and his friends in their journey. Engaging illustrations accompany the story, shown on a large TV screen. Each time a building is introduced, a new animal friend of Ah Tek's is also introduced. At the end of the story, docents will use hand puppets to recap what students have learnt.

SONG

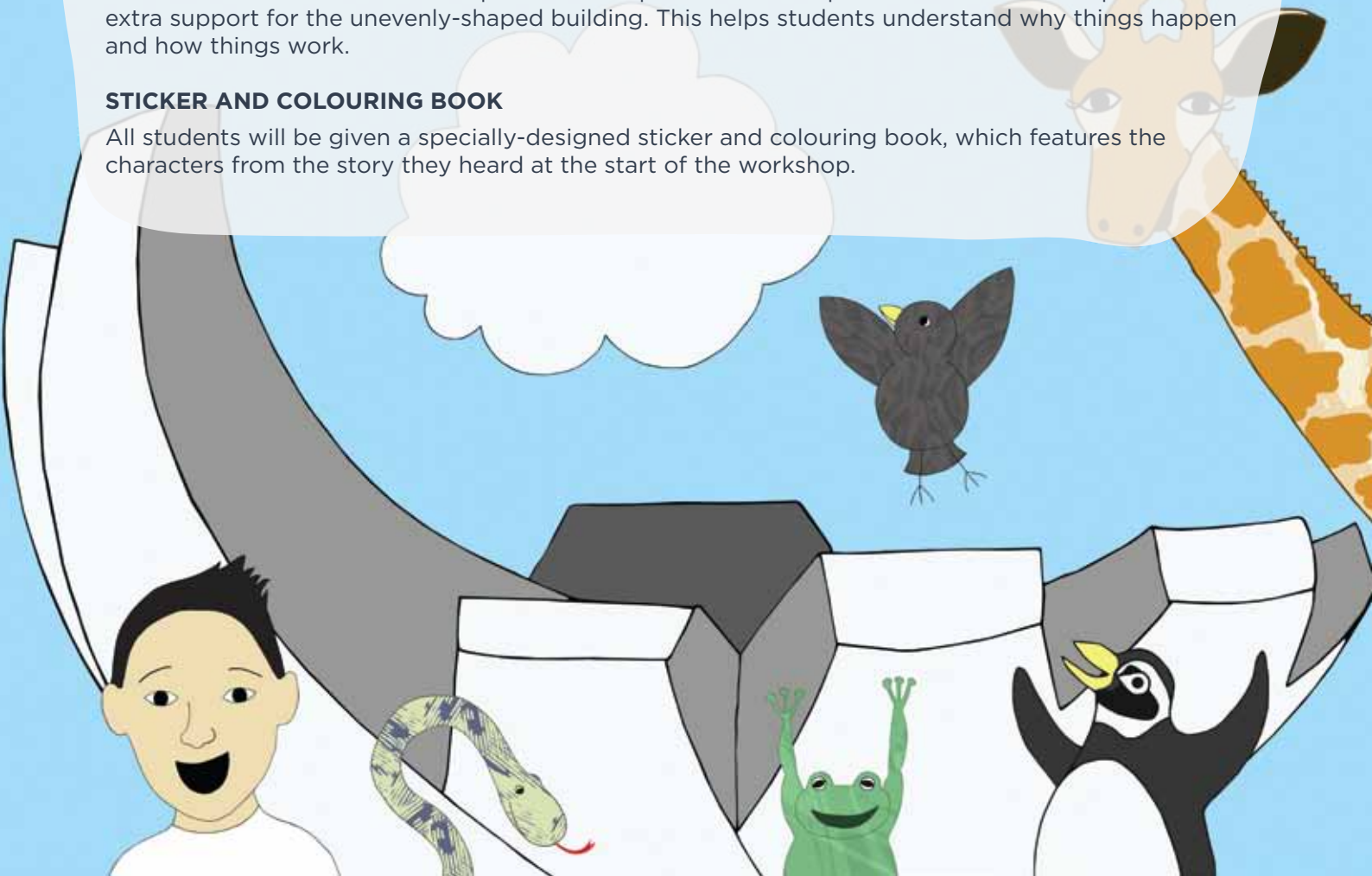
Students are introduced to a variety of shapes they can find in buildings around the world. They are encouraged to call out the shapes they see on each slide on the TV screen.

A LOOK AT THE BUILDING: INSIDE

Students are led to the Level B2 where they learn that the hole in the centre of the roof is called an 'oculus'. They are introduced to one of the 'green' features of the building - the recycling of rainwater being used in the washrooms of ArtScience Museum. They count the number of pillars in that area and the Docents will explain that the pillars and X-shaped beams are there to provide extra support for the unevenly-shaped building. This helps students understand why things happen and how things work.

STICKER AND COLOURING BOOK

All students will be given a specially-designed sticker and colouring book, which features the characters from the story they heard at the start of the workshop.



Curriculum links

Architecture Adventure meets all six learning areas in which children need to acquire knowledge, skills and dispositions by the end of their kindergarten education:

AESTHETICS AND CREATIVE EXPRESSION

- Enjoy art and music and movement activities
- Express ideas and feelings through art and music and movement
- Create art and music and movement using experimentation and imagination
- Share ideas and feelings about art and music and movement

DISCOVERY OF THE WORLD

- Show an interest in the world they live in
- Find out why things happen and how things work through simple investigations
- Develop a positive attitude towards the world around them

LANGUAGE AND LITERACY

- Listen for information and enjoyment
- Speak to convey meaning and communicate with others

MOTOR SKILLS DEVELOPMENT

- Enjoy through participation in a variety of physical activities
- Demonstrate control, coordination and balance in gross motor tasks
- Develop healthy habits and safety awareness at home, in school and at public places

NUMERACY

- Recognise and use simple relationships and patterns
- Use numbers in daily experiences
- Recognise and use basic shapes and simple spatial concepts in daily experiences

SOCIAL AND EMOTIONAL DEVELOPMENT

- Manage their own emotions and behaviours
- Communicate, interact and build and relationships with others



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To find out more about our educational provisions, email us at: museum.education@marinabaysands.com
To make a school group booking, email us at: museumgroupbooking@marinabaysands.com

