# The Children's Museum $\square$ Jordan tu 0 0 0 0 TITI 6 0

# **Teacher's Guide**

To School Visits and Workshops

2018 / 2019 



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## Hello!

The school term has started and fun visits to the Children's Museum Jordan are back! Dear teachers, we would like you to think of the Children's Museum Jordan as a resource for fun learning that supports teaching in your classroom. You can make the best of the Museum by joining: the self-guided visits, one of the innovative workshops, or our year-round events.

This year, we designed a collection of resources with useful information, to help you plan your visit to be more effective and enjoyable.



# **Self-guided Visits**

Students can play and explore, individually or in groups, in the Exhibit Hall which offers more than 185 interactive educational exhibits on topics linked to the curriculum, as well as skills development.

For a memorable visit, our educational Facilitators will assist you by playing with your students, answering your enquiries and providing information during your tour.

To expand on your visit, you can also participate in the curriculum-linked activities we offer at the Art Studio, Library, Tinker Lab and the Exhibit Hall such as the Mrs. Y shows.

				Visiting times/slots
Exhibit Hall	Art Studio	Library	Tinker Lab	Sunday, Monday, Wed
Enclosed a map of the Exhibit Hall specifying the age groups most suitable for each exhibit area.	Where students get to express their thoughts and feelings in a variety of artistic ways.	Where students are immersed into the world of story-telling and films.	Students learn scientific concepts by trial and error while working to build a product.	<ul> <li>9:00 am (the duration of 11:00 am (the duration)</li> </ul>
A minimum of 10 minutes per exhibit area is recommended.	Duration: 20 minutes.	Duration: 15 - 20 minutes.	Duration: 20 minutes.	Saturday • 10:00 am (the duration
	I	I	I	Admission fees:

JD 2 per student (for non-member schools), inclusive of chaperons.

# **For Teachers**

- Read about our activities for
- You can request the Semest e-mail or from the Receptio
- You can access the Museum Groups' Booking Officer.
- Each exhibit requires at leas students to question, obser at their own pace.
- You are the first reference a important to play with then

# Plan your visit

- All visits require pre-booking.
- We welcome students from KG 1 to Grade 6.
- during the visit.

"Biodiversity in Jordan" and "I Am Change" exhibits.



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the semester in the Semester Calendar.
er Calendar from the Groups' Booking Officer via 1 Desk.
for free to plan your visit – Inquire with the
t 10 minutes of interaction, so encourage your ve and play with things that interest them and
nd source of inspiration for your students, it is to make their visit even more enjoyable.

# • The duration of the tour inside the Museum is an hour and a half. • Your visit will coincide with several other visiting schools. • Make sure that you allocate one teacher/chaperon for every 10 students • You can plan an educational/entertaining visit to specific areas in the Museum to link them with a module or lesson plan in the curriculum. **Example:** The environment subject for Grade 6 – can be linked to the

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# Fitness

#### All grades

Library

Students learn about the skeleton and how it works. They also compete in different physical challenges. Learning Outcomes: Science (biology), and life skills.

#### Mechanics Grades: Grade 1 and Grade 3

Students learn about a number of simple machines, as well as various models of pendulums. Learning Outcomes: Cognitive skills, and science (physics).

#### Imagination Playground All grades

Students create imaginary worlds of animals, ships and mazes using the large pieces of the Imagination Playground exhibit.

Learning Outcomes: Creative thinking skills and 21st Century skills.

## Once upon A Shape

Grades: KG 1, KG 2 and Grade 1 A contained area that encourages the developmental skills in the early stages of a child's development. Learning Outcomes: Develop motor, visual and cognitive skills.

#### Express Yourself/ The Creativity Area All grades

Students play at the puppet and shadow theatres; They also enjoy playing music using the musical tables. **Learning Outcomes:** Creative thinking. music, art (drama) and role play.

#### The Human Body

Grades: Grade 1, Grade 5, Grade 6 Students learn about the five senses and the digestive system, and genetic traits, and the family tree concept. Learning Outcomes: Science (biology), and life skills (roleplaying).



Art Studio

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#### The Outdoor Area All grades

Students can enjoy the fresh air and tour several countries. They can also play water games, sound pipes and other outdoor games. Learning Outcomes: Science (physics), and cognitive skills.

#### Biodiversity in Jordan Grades: Grade 1 – Grade 6

Students learn about Jordan's natural environment and about its animals, plants and rocks. They also learn about natural phenomena: such as earthquakes. Learning Outcomes: Science (ecology, geology), and citizenship.

#### The Construction Zone All grades

Students live an experience that simulates real construction sites. Learning Outcomes: Life skills, and problem solving skills.

## Cityscape

Grades: KG1, KG 2, Grade 1, Grade 2 and Grade 3

Students learn how to prepare a healthy meal, and play the roles of a police officer, a mechanic, a bank employee; and learn more about these professions.

Learning Outcomes: Life sciences, and skill development; including imagination, role-play and problem solving.

# The Ancient Times and Dvnamic Planet All grades

Technology

Grades: Grade 2

communication work.

Students learn more how mobile

Learning Outcomes: Communication

through technology and role play.

phones, and modern means of

Students learn about various types of rocks and fossils and they also look for antiquities in the archaeological excavation site. Learning Outcomes: Humanities, cognitive skills and role play.

# Stars and Space Grades: Grade 3 and Grade 4

Students learn about constellations and moon phases, as well as the seasons and day and night. Learning Outcomes: Science (astronomy), and observation skills.

#### Light, Lenses and Rainbows

Grades: Grade 2 and Grade 4 and Grade 6 Students learn about shadows, various forms of mirrors and lenses, the Kaleidoscope, periscope and optical fibers. Learning Outcomes: Science (physics).

#### Math Grades: Grade 1

Students learn about Pythagoras' theorem and volumes, and can challenge one another with riddles. Learning Outcomes: Math, questioning and problem solving.

# Up and Away

# Grades: KG 1 - Grade 3

Students fly a plane and live the travel experience by playing different roles. They also learn about the principles of aviation. Learning Outcomes: Life skills, role-play and cognitive skills.

#### I am Change

#### Grades: Grade 1 – Grade 6

Students learn about the sources of water and power in lordan, and their role in the rationalization of electricity and water consumption. Learning Outcomes: Science (ecology), critical thinking skills, problem solving skills and life skills.

#### Electricity and Magnets Grades: Grade 1 and Grade 4

Students learn about the difference between a generator and a motor, and whether their bodies are conductors.

Learning Outcomes: Science (physics) and cognitive skills.

# Workshops

To support the learning in the classroom, we have designed workshops in which students learn through hands-on and curriculum-based topics. The workshops are led by an educational facilitator, where each workshop has its own learning methodoligies that work best for the topic and the target age group.

# My Germs and I

#### Grades: KG 1 and KG 2

Children will assist Inspector Eye in his investigation of harmful and useful germs, and will learn about how germs are passed and how to protect themselves from them, while dancing to the tunes of his infamous hand washing song.

Fees per workshop: JD 90 When booking 3 workshops or more, fees are JD 80

# The Young Botanists

#### Grades: KG 1 - Grade 1

Students will use their five senses to explore the Secret Garden and its hidden secrets, and will compare plants' leaves by color, size and shape.



Fees per workshop: JD 90 When booking 3 workshops or more, fees are JD 80

# My Senses and I

#### Grades: KG 1 - Grade 1

Students will assist Inspector Eye in his exploration of the world of senses where they pick magical oranges, while dancing to the music of senses, and building the paper wheel of senses.



Fees per workshop: JD 90 When booking 3 workshops or more, fees are JD 80

# How Tall Am I

#### Grades: KG 1 and Grade 1

Students will use wooden blocks to measure the length of various objects so as to understand the concepts of same, longer, and shorter, then they will compare their heights to others.

Fees per workshop: JD 90 When booking 3 workshops or more, fees are JD 80

#### Plan a Workshop:

- The duration of the workshop is 60 minutes for grades: 1 6.
- The duration of the workshop is 45 minutes for KG 1 and KG 2.
- We receive one class per workshop (maximum 30 students).
- Some workshops can be offered in English.
- Workshops do not include self-guided tours in the Exhibit Hall of the Children's Museum.

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# Larry the Cat

#### Grades: KG 2 - Grade 3

- In the planetarium, students will watch the story
- of Larry the Cat and how he managed to get to
- the moon. They will then build their own rocket.

Fees per booking: JD 3 per student Minimum of 20 students per booking

# Games and Values

#### Grades: Grade 1 - Grade 4

Students will play games that promote and enhance values; such as cooperation, acceptance

and respect for diversity. They will also learn how

to apply these values in their day-to-day lives.



Fees per workshop: JD 90 When booking 3 workshops or more, fees are JD 80 Workshops' Times: Sunday, Monday, Wednesday and Thursday First workshop: 9:00 am - 10:00 am Second workshop: 10:30 am - 11:30 am Third workshop: 12:00 pm - 1:00 pm

# **Amazing Magnets**

Grades: Grade 1 and Grade 2 Students will examine magnets, and how they work and react to various materials, and will compare magnets in terms of strength and classify objects as magnetic and non-magnetic.

Fees per workshop: JD 90 When booking 3 workshops or more, fees are JD 80

# **Our History**

## Grades: Grade 2 and Grade 3

Students will play different roles in the story that tells the events of the Great Arab Revolt, and will learn about the history of Jordan and the monarchy system to enhance their sense of belonging to the country.

Fees per workshop: JD 90 When booking 3 workshops or more, fees are JD 80

# Our Jordan

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#### Grades: Grade 2 and Grade 3

Students will locate Jordan on the globe and learn where the name "The Hashemite Kingdom of Jordan" came from. They will also learn about the flag and its colors and compete in building the highest flagpole using LEGO bricks.



Fees per workshop: JD 90 When booking 3 workshops or more, fees are JD 80

# Dancing Bots

#### Grades: Grade 3 – Grade 6

Students will design and build their own dancing machines using batteries, motors and coloring pens. They will also learn about electrical circuits, movement and enhance their creative thinking.



Fees per workshop: JD 120 When booking 3 workshops or more, fees are JD 105

# Jack and the Beanstalk

#### Grades: Grade 2 and Grade 3

Students will first listen to the story of "Jack and the Beanstalk". By dissecting a plant, students will then learn about the various parts of it and their functions, and how plants make food and what they need to grow.

Available in

English

Available in

English



Fees per workshop: JD 90 When booking 3 workshops or more, fees are JD 80

# Static Electricity

#### Grades: Grade 4

Students will learn about static electricity and the difference between static and current electricity. They will try to generate static electricity through various experiments, and will see how static electricity affects things around it.



Fees per workshop: JD 120 When booking 3 workshops or more, fees are JD 105

# States of Matter

#### Grades: Grade 4 and Grade 5

Students will learn about the three states of matter: solid, liquid and gas, and how matter transforms from one state to the other. They will also make a fizzy drink using solid carbon dioxide.

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Fees per workshop: JD 120 When booking 3 workshops or more, fees are JD 105

# Solar Power

#### Grades: Grade 5 and Grade 6

Students will learn about renewable and

non-renewable sources of energy and how they

affect our environment. They will also generate

electricity using solar cells to run a miniature car.



Fees per workshop: JD 120 When booking 3 workshops or more, fees are JD 105

# Wind Power

#### Grades: Grade 5 and Grade 6

Students will learn about renewable and non-renewable sources of energy and how they affect our environment. They will also generate electricity using wind turbines to light a small bulb.



Fees per workshop: JD 120 When booking 3 workshops or more, fees are JD 105

# Once upon a Bite

#### Grades: Grade 6

Students will learn about what happens to food in the digestive system as they watch the scientific comedy show in which Shorooq tries to eat Humam, the burger.



Fees per workshop: JD 120 When booking 3 workshops or more, fees are JD 105

