

# EDUCATORS' GUIDE TO EXPLORIA

**Explore. Investigate. Discover.**

A practical guide to planning an immersive learning journey.  
Recommended for **secondary school students**.

**This set of Exploria resources includes:**

1. Educators' Guide to Exploria
2. Students' Guide to Exploria
3. Exploria Activity Sheets
4. Exploria Activity Sheet (Answer Keys)



# WELCOME TO EXPLORIA

Exploria is an indoor multimedia experience where students explore biodiversity across five immersive worlds.

5

## Immersive worlds

Explore life at every scale – from microorganisms to the largest animals alive.

12 PM – 8 PM

## Operating hours (weekdays)

You may request entry from 10 am if your group has 30 or more students.

3 – 4 Hours

## Recommend duration

Suggested for exploring all five worlds and completing selected [RFID activities](#).

[View Exploria Map](#)



MICRO WORLDS



INFINITE  
WONDERLAND



BITDEER AI  
EXTREME FRONTIERS



WORLD OF  
DARKNESS



REALM OF THE  
GIANTS

# LEARNING CONNECTIONS

Explore biodiversity through observation, inquiry, and discussion.

## Interactions Within an Ecosystem



Explore how organisms interact with one another and their environment across diverse ecosystems.

Biodiversity • Ecosystems • Ecological Relationships • Predator-prey interactions

## Adaptation, Survival, and Evolution



Discover how living things adapt to environmental challenges and how changes take place over time.

Adaptations • Natural selection • Evolution • Extinctions

## Environmental Change and Conservation



Investigate how climate and human activities influence ecosystems and consider how biodiversity contributes to a sustainable future.

Climate change • Habitat loss • Conservation • Sustainability • Interactions

# 1. BEFORE THE VISIT

Everything you need to know for a seamless and meaningful learning journey.

## ESSENTIAL CHECKLIST



### Book your school visit

Advance booking is required for school groups.

Register your visit [here](#).



### Review accessibility and sensory information

- Exploria is wheelchair accessible.
- Some exhibits feature strong lighting, loud sounds, and motion effects.

View the full Visitor Guide [here](#).



### Prepare for Biopool gamification

Connect to Exploria's free Wi-Fi to access the web app and track each group's progress.



## PLAN THE LEARNING

Spark curiosity and help build your students' background knowledge before arriving. Focus on a theme relevant to learning goals rather than trying to complete all Exploria experiences.

### 1. Introduce the experience

Use the editable **Students' Guide to Exploria** to introduce the experience and explain the RFID gameplay.

### 2. Set expectations

Agree on expectations for behaviour, movement, and group roles before arrival.

### 3. Focus on thematic learning

Discuss relevant topics and select activity sheets that best support your goals.

## 2. DURING THE VISIT

Follow the flow for purposeful exploration.

1

### FORM GROUPS

Recommend five students per group.  
Appoint group leaders.

2

### CHECK IN

Confirm attendance at the entrance counter.

3

### COLLECT WRISTBANDS

Create one game account per group.

4

### REGISTER AT BIPOOL

Group leaders activate the game account.

5

### EXPLORE EXPLORIA

Complete selected activities and earn points.

6

### CHECK SCOREBOARD

Photograph the class leaderboard at exit tunnel.

**Each student receives an individual RFID wristband. All interactions contribute to the group's shared game account and score.**

## SUPPORTING STUDENT LEARNING

### Exploria Activity Sheets

- Use the activities to guide observations and encourage critical thinking.

### Self-directed Exploration

- Motivate students to interact with the exhibits and multimedia experiences through RFID wristband gamification and make connections with the natural world.



### Educator Tip:

Students do not need to complete every interactive. Encourage depth, discussion and meaningful connections.

# 3. AFTER THE VISIT

Consolidate learning and connect the experience to everyday life.



Help us improve these resources. Scan the QR code or [click here](#) to share your feedback.

## START WITH REFLECTION

- Review answers to selected activity sheets.
- Invite students to share one discovery, one question, and one action inspired by their visit.

### Explore local biodiversity

- Identify and investigate biodiversity within your school or neighbourhood.
- Discuss how urban spaces can allow wildlife to thrive.

### Take action for wildlife

Choose a realistic class action, such as participating in citizen science and wildlife-friendly initiatives.



Consider signing up for Action for Wildlife!

Find out more [here](#).



### Conservation Ambassador Opportunities



Encourage students to volunteer at Mandai's Wildlife Parks, where they can inspire others to care for wildlife.

Find out more [here](#).

