

# PLANET of the SENSES



**MONTREAL  
SCIENCE  
CENTRE**

**TEACHER'S GUIDE  
CYCLE ONE ELEMENTARY**



# PLANET of the SENSES

Program the five senses of *Sensor*, the explorer robot. Help him find a new planet that is suitable for human habitation.



## WELCOME

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### to the Montréal Science Centre

The Montréal Science Centre educators invite you to **Planet of the Senses**. This **60-minute** activity is based on the Quebec Education Program and offers students an experience where the joy of learning leads to the acquisition of new skills.

### DID YOU KNOW?

That our school programs...

- adhere to the MELS progression of learning;
- offer a variety of experiences that are different from classroom activities;
- are run by an educator who takes charge of the group;
- comprise student-centered, interactive activities that make learning fun.

## A FOUR-STEP TEACHING APPROACH

# 1

### Introduction

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Children are welcomed into the Lab of the Senses by Sensor, an explorer robot whose mission is to discover a new planet suitable for human habitation. Sensor needs the children's help to fine-tune its programming. First, it invites the children to determine if it has senses, and then to program it so that it can recognize what humans like (pleasure) and dislike (danger).

# 2

### Exploring the Senses

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To teach Sensor what people like and dislike, the children are first invited to awaken and explore their five main senses: sight, hearing, taste, smell and touch. In a playful way, children use their vision, imitate sounds, taste substances\*, identify odours, touch different textures and more. They come to understand that our senses enable us to meet our needs and avoid danger.

# 3

### Relay: "Agreeable or Disagreeable"

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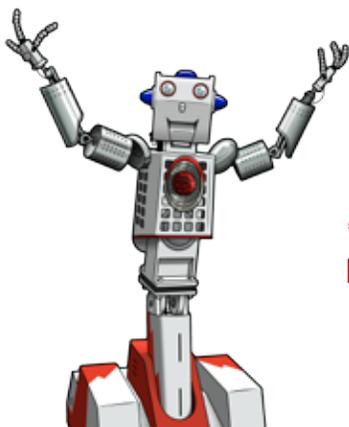
To teach Sensor to recognize what is good and bad for humans, the children split up into two teams and take part in a frenetic relay race. Five stations linked to the five senses present various challenges. Using their senses, the teams must collect objects that evoke agreeable sensations (pleasure) and disagreeable sensations (danger). These findings are then transmitted to the robot so that it is programmed to accomplish its mission.

# 4

### Conclusion

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Sensor is ready to fly in space. The robot will produce an illustrated report on each planet it explores. Thanks to its senses and the children's help, Sensor will determine if the planet is suitable for humans. Working together, will they discover the ideal planet, the planet of the senses?



**\*Please advise us of any allergies before starting the activity.**

Program created with  
the participation of

