Robots everywhere! Let us design our own Robot World

🔊 Audio book

One example of using story books that involves Robots, Science fiction can steer children's interests and spark their natural curiosity to explore how robots work, where they might live and like to do and what problems can they solve to make their own lives a better place to live on this planet. The below sample activity can be used after reading out loud Robots, Robots everywhere story book.
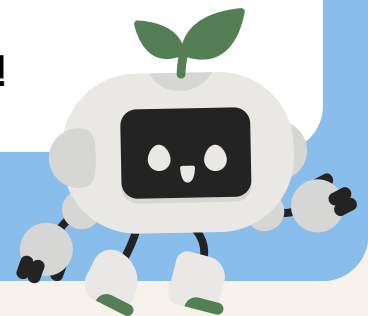
Teacher can start by sharing ideas about their own favourite robot and the features of the robot:

Name: FeedBot

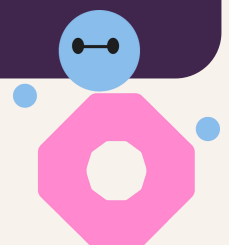**Likes:** Feeding others healthy food like fruits and carrots

Dislikes: Unhealthy food such as fried chips!

UMM...But how does my FeedBot know how to stop and not bump into things?

Scientific Inquiry Provocation

Can you design a world for my FeedBot to move around safely and feed healthy food to others? OR you could come up with your favourite Robot and build a safe world for it to live in.
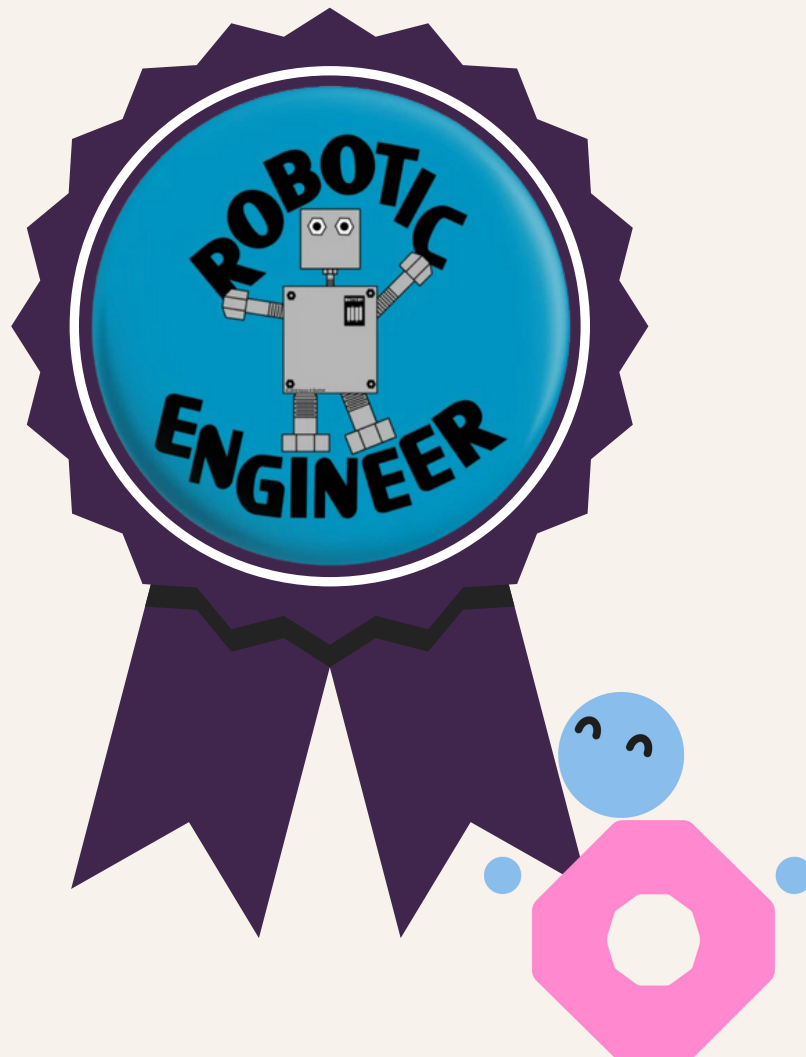
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End of Project or Activity

Invite children to take a short video to narrate their story when designing their robot and its world.

Have key vocabulary you expect children to learn and use in their audio-video stories. Have the key words printed around the room as visuals.

Have a Coding Day where you can invite parents for children to share their robot worlds and code Botley around the different constructed spaces within their Robot's World (Designed Maker space).

Learning Outcomes

Learning Outcome 2: Children are connected with and contribute to their world

Children become socially responsible and show respect for the environment.

Learning Outcome 4: Children are confident and involved learners

4.1 Children develop dispositions for learning such as curiosity, cooperation, confidence, creativity, commitment, enthusiasm, persistence, imagination, and reflexivity.

Scientific Skills that children will engage with

Children's development of an awareness of how science and technology shape and affect our material, intellectual and cultural environments. Children's development of scientific knowledge, questioning of scientific phenomena and the ability to draw conclusions about scientific subjects.

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