

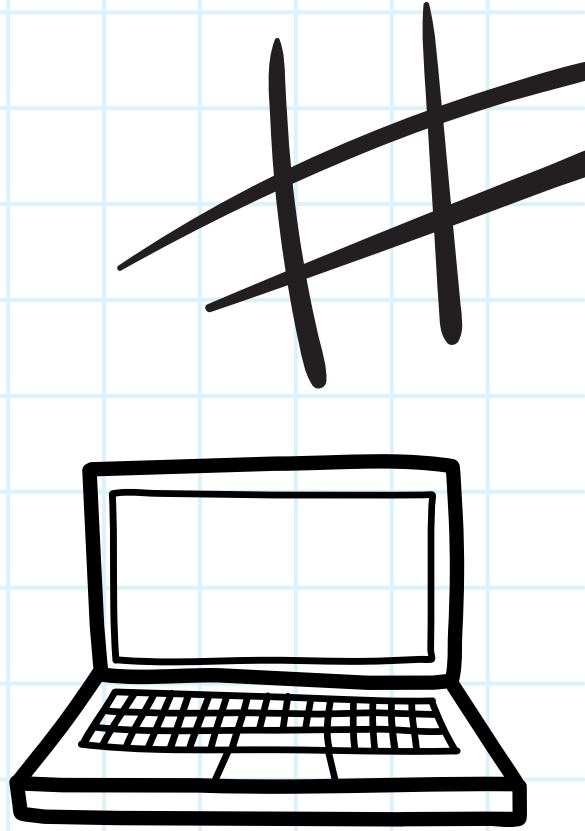
EARLY CHILDHOOD DIGITAL LITERACY

ARTIFICIAL INTELLIGENCE

Learning about Limitations of AI
Activity 3 – What Can AI Do and Not Do?

What is Artificial Intelligence?

Use simple terminology to explain to the children
what AI is...



1

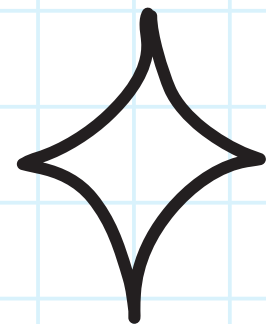
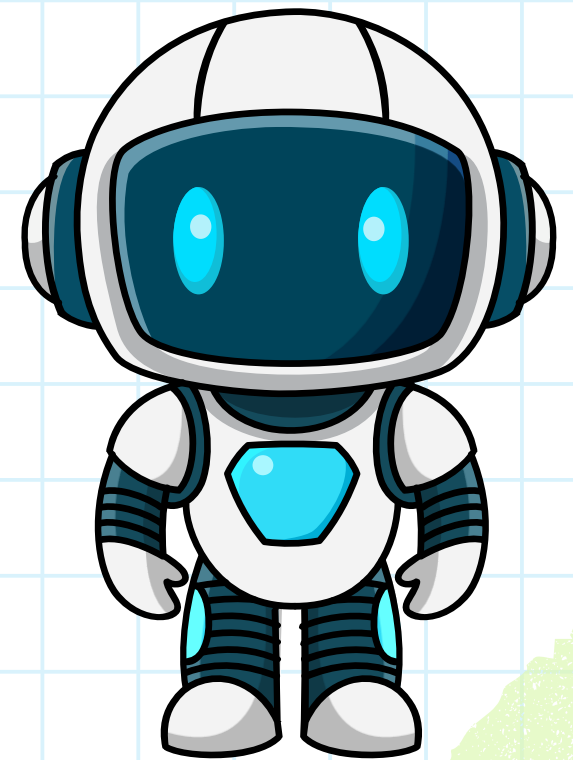
A computer or robot
that can talk to us or
solve a problem.

2

An AI computer or
robot can seem
very clever.

3

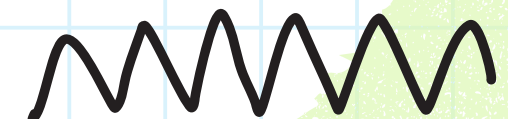
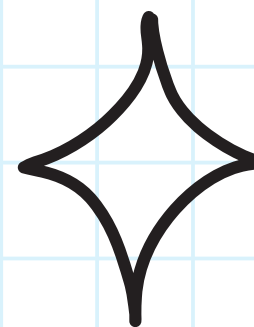
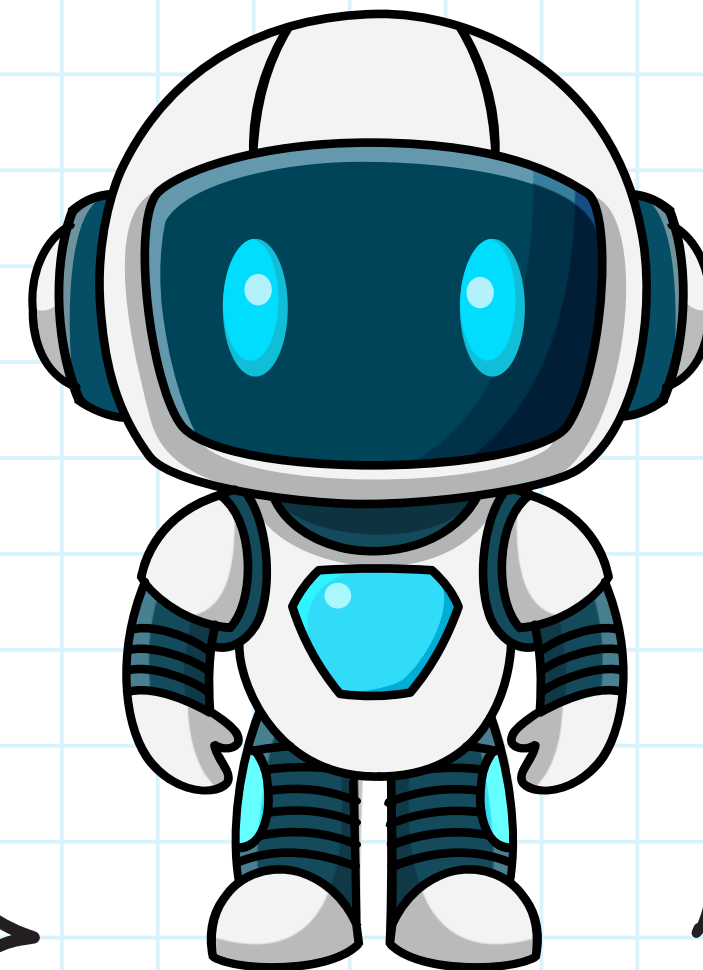
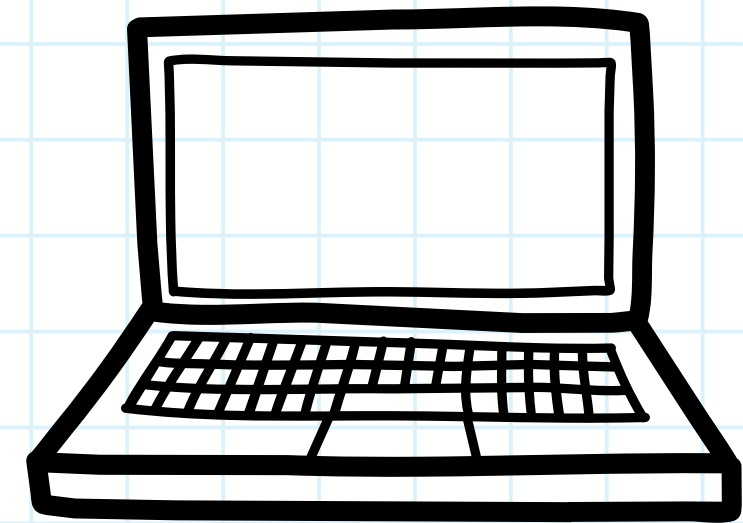
AI is not human
and there are
some things that
people can do but
AI cannot do

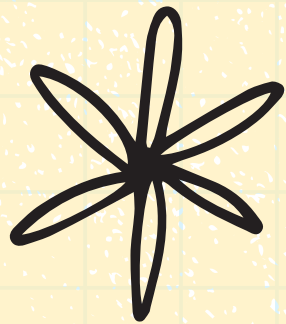


ECEC & the AI Literacy Framework

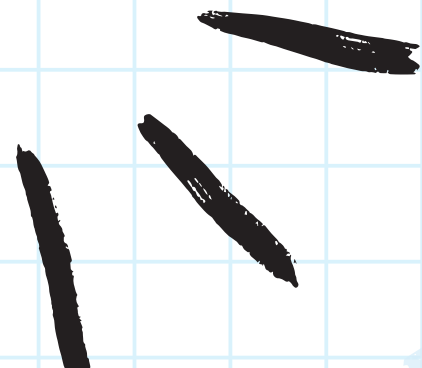
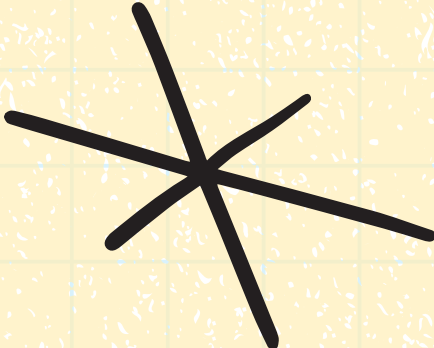
This activity will support ECEC children to develop skills relative to the 'Manage AI' pillar of the AI Literacy Framework by helping:

'Learners identify the type of problem at hand and consider whether AI might help solve it' (OECD/EU 2026).





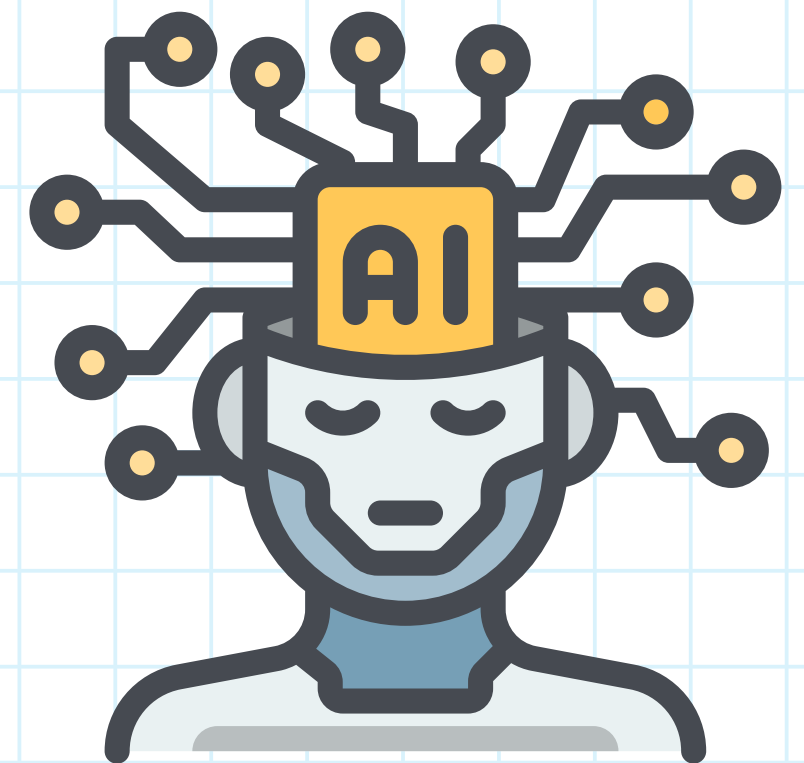
What Can AI Do and What Can it Not Do?

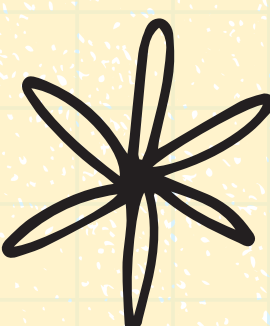
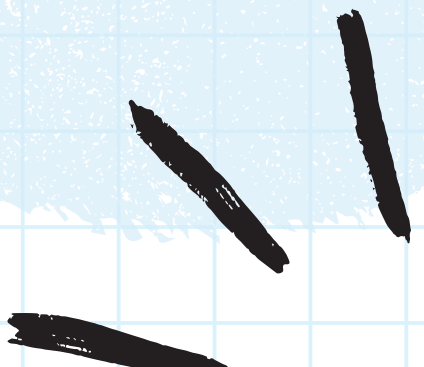


Use this playful activity to help young children understand that AI has limitations and is not human. There are things that AI cannot do that humans can and things AI can do but humans can do much better....discuss with the children how...

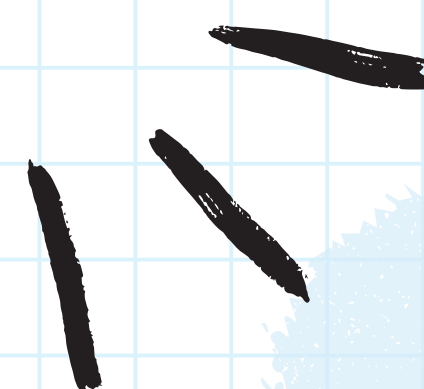
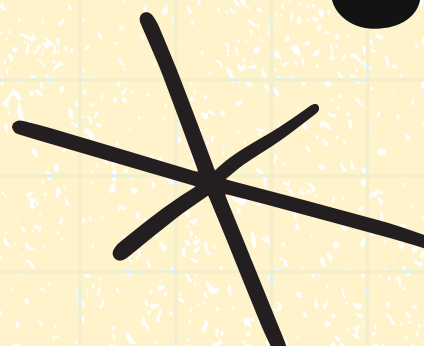


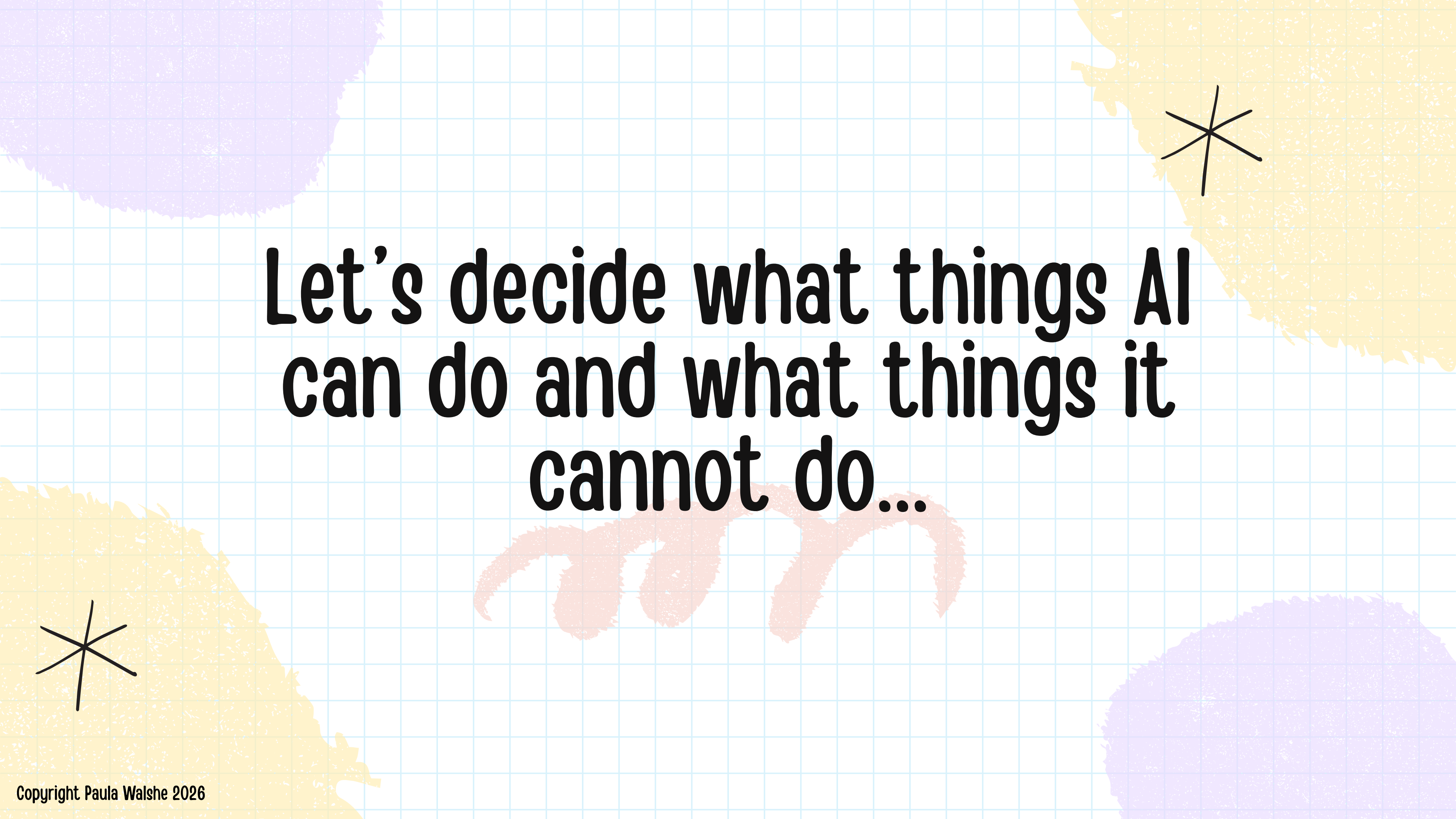
AI can do some of the things that people can do, but there are lots of things that people can do that AI cannot. Sometimes AI can do things faster like counting or finding information but humans need to ask questions, think about answers AI gives us and give AI correct information to help it learn.



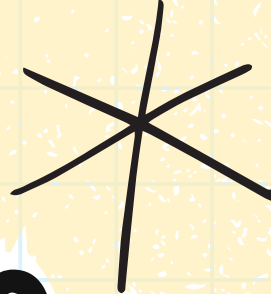


Let's play a
'Human V AI Robot'
sorting game to find out
more!

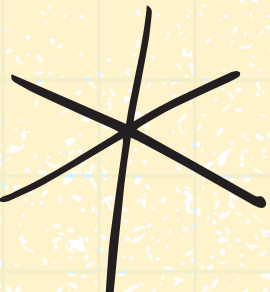




**Let's decide what things AI
can do and what things it
cannot do...**



**Cut out the images on the
following pages and ask
children to sort them into
things only humans can do
and things AI can do.**



Things Only Humans Can Do!



Feel Love



Feel Happy



Eat or Taste Food



Share with Me



Bake a Cake



Sleep and Dream

Things Humans Do!



Smell



Play Outside



Care for Me



Be Kind



Be my Best Friend



Care for my Pet

Things Humans Do!



Grow and Care for Plants



Dance



Sing



Play a Musical Instrument



Build a Tower



Touch Things

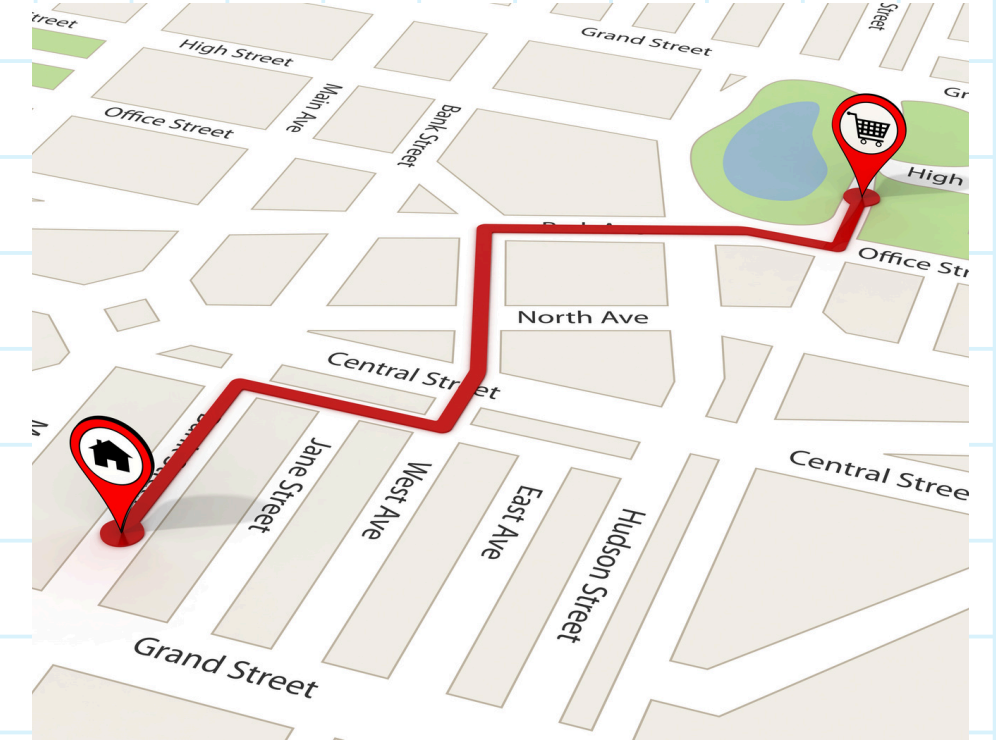
Some Things AI Can Do!



Count



Answer Questions



Give Directions



Sorti Things by Colour, Shape, Size



Vacuum the House



Understand Words

IMPORTANT!

Remember to discuss with children how AI can do these things but humans can also do them. Sometimes AI can do things faster like counting or finding information but humans need to ask questions, think about answers AI gives us and give AI information to help it learn.

Children should be supported to understand that although AI can do some things well, people and human intelligence is even more important because AI cannot think for itself, imagine new ideas, have feelings and understand consequences like humans do.

For example:

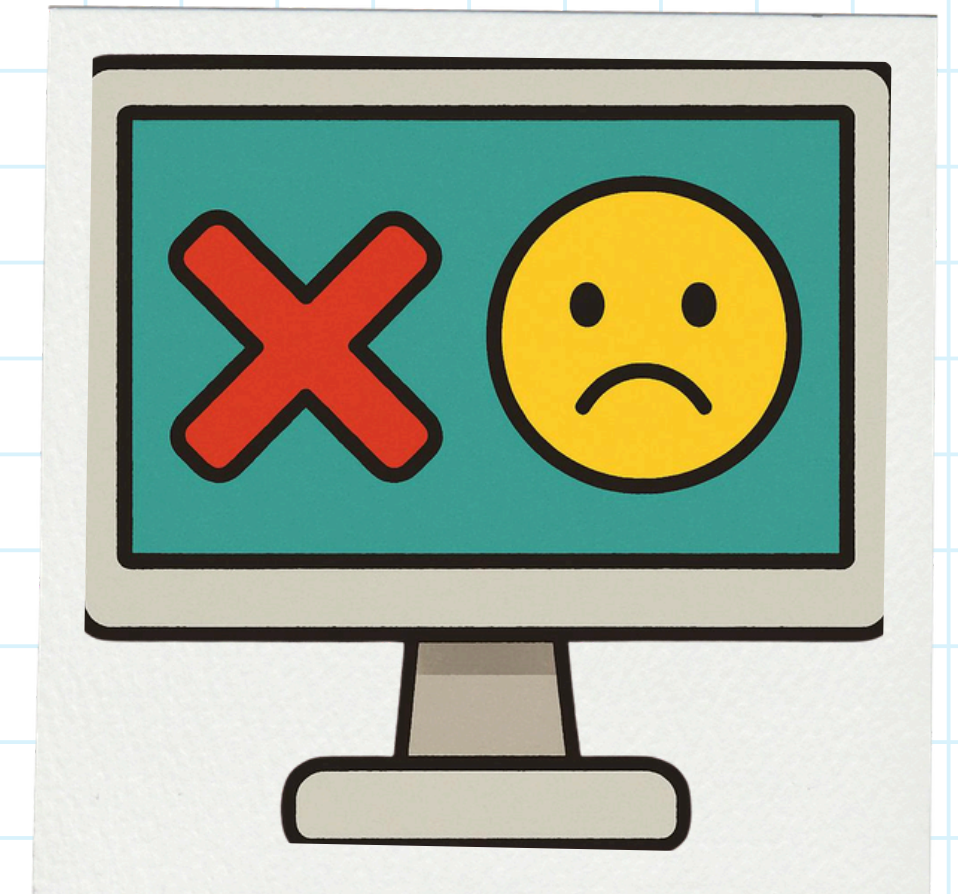
- AI can understand words and different languages but cannot know when your voice sounds sad/excited/angry/happy.
- AI does not understand how it feels when someone you love hugs you or when your feelings are hurt if someone is unkind.
- AI cannot imagine new games, stories and ideas like humans can.
- AI can understand what 'wet', 'smooth', 'spiky' or 'cold' mean but cannot experience how it actually feels on your skin.

**Remember...AI is a clever tool, not a person,
it makes guesses from patterns, not
experiences, feelings or understanding like
we do. We should always question
responses generated by AI.**



**Sometimes AI can right...
but...**

Sometimes an AI can be wrong...



**We can say our thinking rhyme and take
some time to figure it out.**

AI Literacy Framework

This resource has drawn guidance from the EU Commission and OECD 2025 guidelines 'Empowering Learners for the Age of AI: An AI Literacy Framework for Primary and Secondary Education'.

Paula Walshe has adapted information from these guidelines to develop a resource suitable for children in early childhood education.

Access the framework here: [EU and OECD AI Literacy Framework 2025](#)

References

OECD / European Union (2026). Empowering learners for the age of AI: An AI literacy framework for primary and secondary education. OECD Publishing, Paris. <https://doi.org/10.1787/65cd27d4-en>