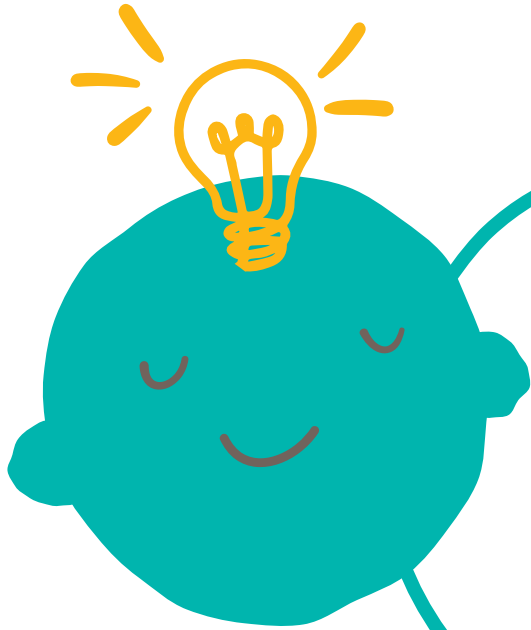


THINKING

CONVERSATION
STARTERS

ABOUT A PROBLEM



What problem are you trying to solve?

Helps identify and articulate the problem

How can you help build something?

Helps build empathy and empowers children

What parts do you think are needed for your design?

Develops executive function through planning



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MAKING

CONVERSATION
STARTERS

A PROTOTYPE



What materials will you use to make your design?

Prompts exploration and comparison of properties of materials

How will your design help to solve the problem?

Encourages making connections between function and design

Can you think of any other design ideas?

Sparks creative thinking through brainstorming of multiple solutions



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TRYING & RETRYING A PROTOTYPE

CONVERSATION
STARTERS



What do think will happen
when you test your design?

Encourages children to make predictions

What worked well in
your design?

Helps focus on cause and effect

What happened
that was surprising?

Boosts critical thinking
by focusing on areas of
improvement



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