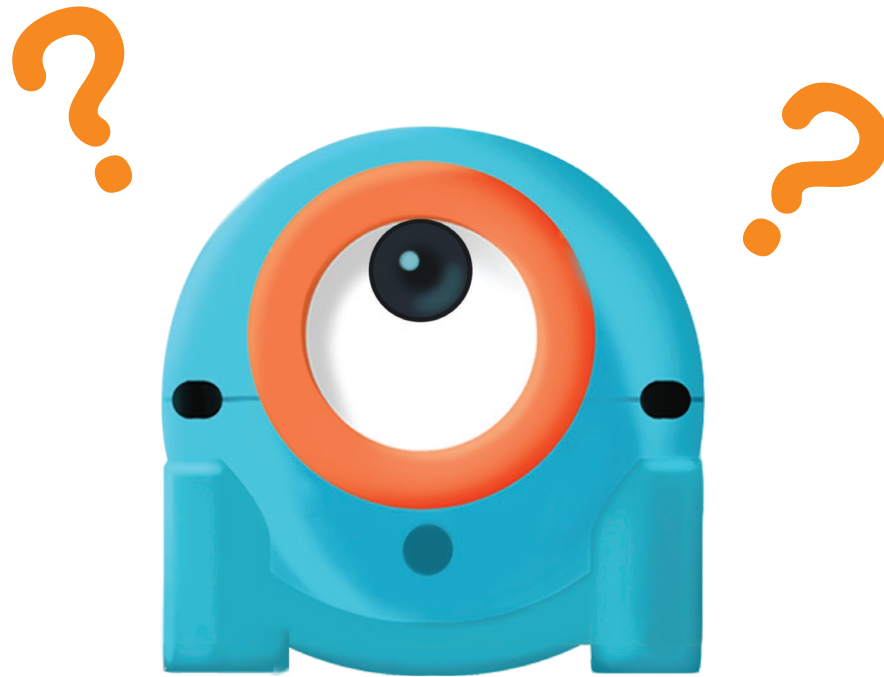


How do inventors get
their ideas?



Inventor: Mary Anderson



Photo credit: Jalopnik.com

Noticed a **Problem**

People kept stopping the car to scrape ice or wipe rain off the windshield.



Designed a **Solution**

Mary invented the windshield wiper, which can be controlled from inside the car.

The Design Thinking Process



UNDERSTAND

Who are you trying to help with your design?

What problems do they face?



DEFINE

Define the problem you want to solve.

What have others done to solve the problem?



IDEATE

What are some solutions?

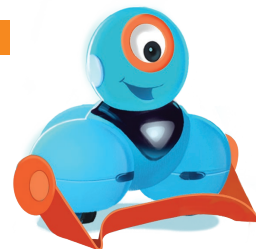
Choose the best ideas.



PLAN

Draw a diagram or design.

Decide what materials you'll need.



BUILD

Build a prototype of your design and/or program.



TEST

Test your prototype.

Get feedback from others.

How can you improve your design?



How can robots solve problems?

