


# What Does It Do?



See, Think, Wonder 

**A** Look at the picture. What do you see?

I see a lamp.

There's a small robot.

**B** What do you think?

I think the books are old.

He's smart.

**C** What do you wonder?

Is it night?

How old is the robot?

**D** Think and discuss. What do inventors do?

**E** Think and discuss. Which of these things do you think inventors do first? Check (✓).

- 1 Draw a picture.
- 2 Make changes.
- 3 Have ideas.

Now read **The After-School Inventor**

# The After-School Inventor



My name is Clara Doodle.  
I invent things after school.



I have a lot of new ideas and some of them are cool.

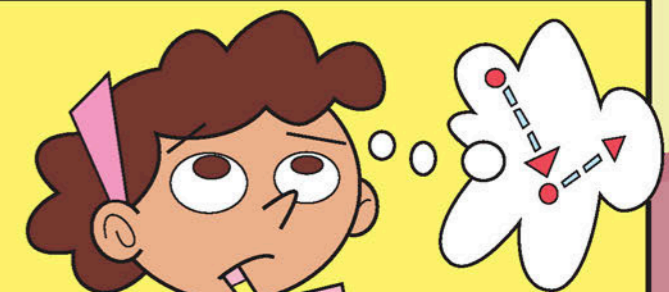


Are all of Clara's inventions good?

Here are my rain glasses and my umbrella pen.



OK. Some ideas are not so good ...



... but I always try again!

### Words in Context

Find these words in the reading. What do you think they mean?

invent try again change mirror mess invention machine



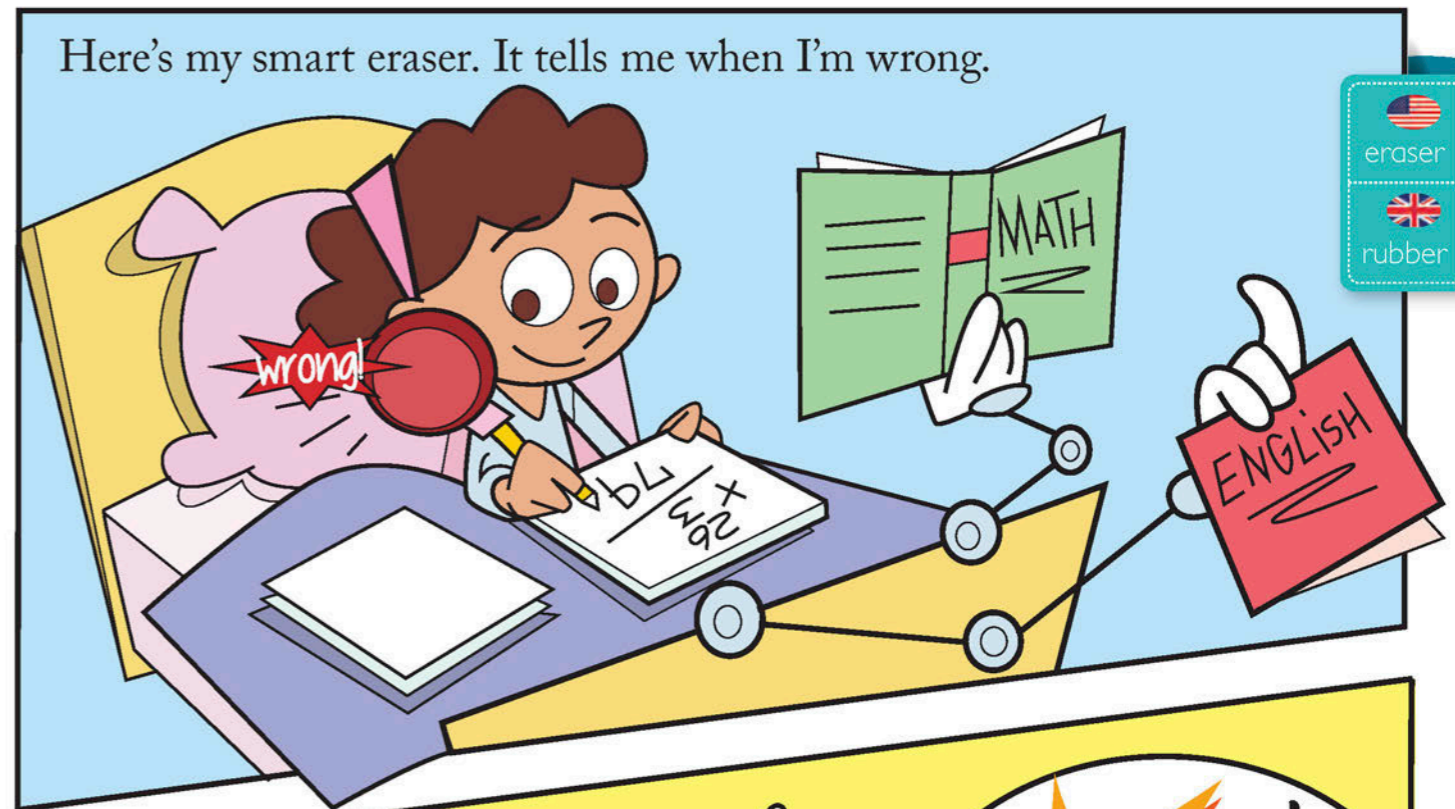
When I have an idea, I always make a plan.



I draw and change, and change and draw.  
I do the best I can.

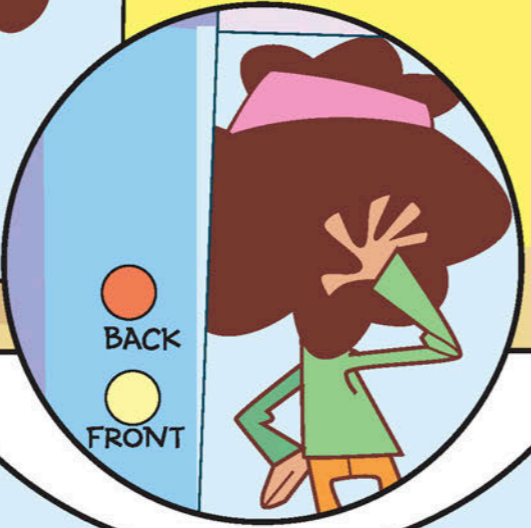
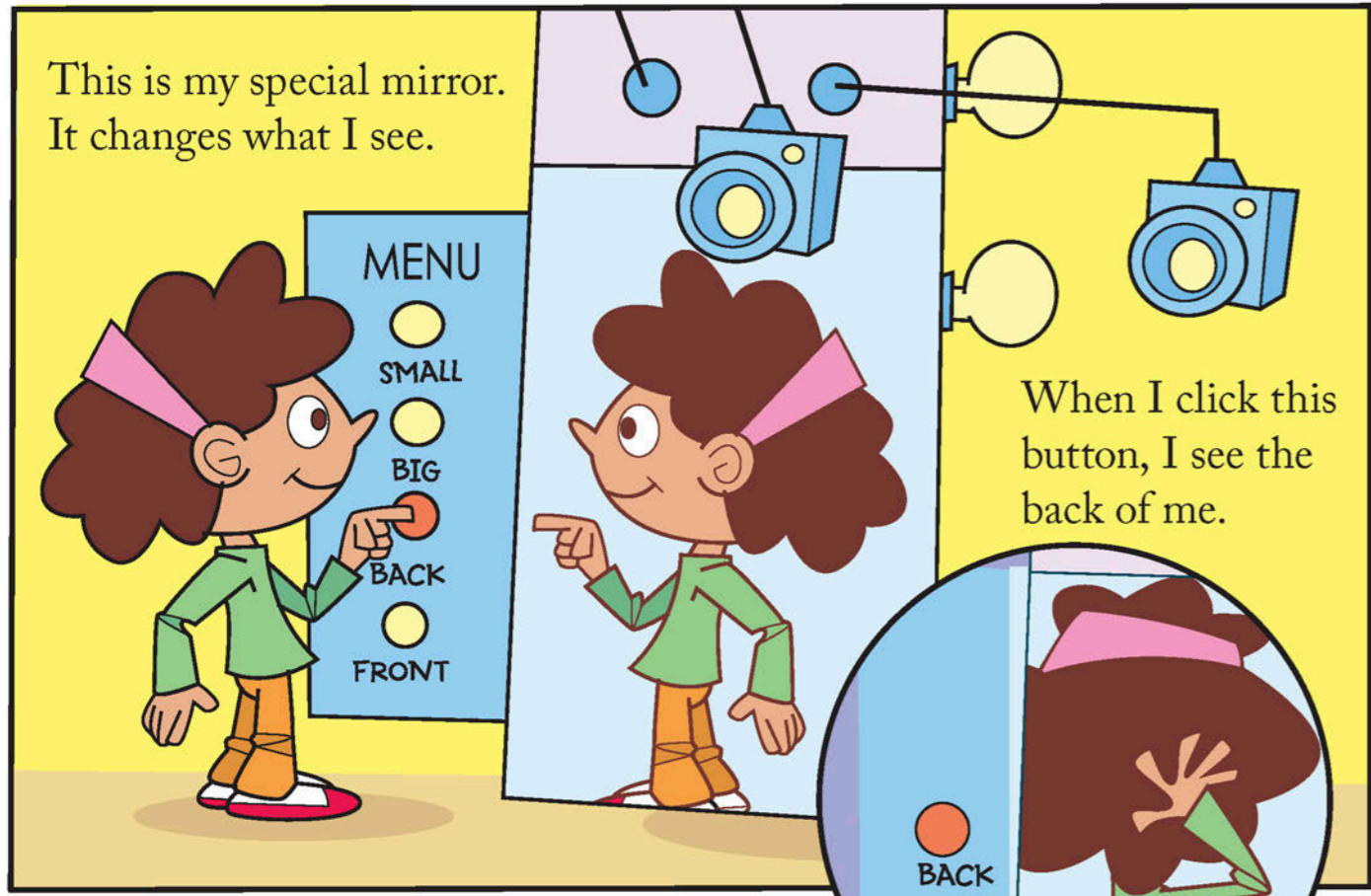


Here's my smart eraser. It tells me when I'm wrong.

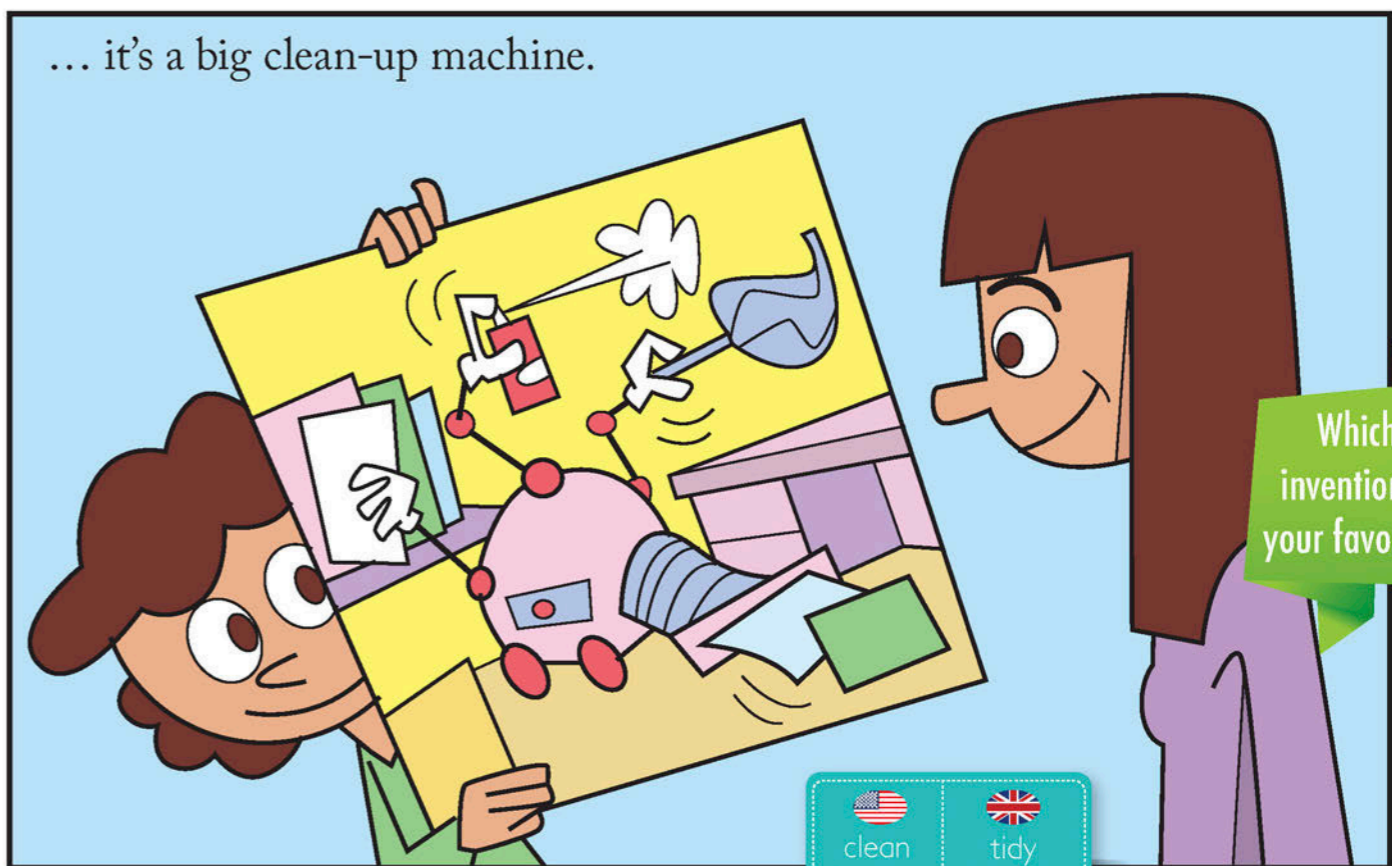


And my alarm clock pillow wakes me with a song.





Look at the buttons on the mirror. What things can the mirror do?



clean favorite  
tidy favourite

**A** Read and match.

- |   |                           |
|---|---------------------------|
| 1 This invention cleans.                        | a. the pen umbrella       |
| 2 This invention has buttons.                   | b. the alarm clock pillow |
| 3 This invention is for the rain.               | c. the smart eraser       |
| 4 This invention helps Clara with her homework. | d. the clean-up machine   |
| 5 This invention sings a song.                  | e. the mirror             |

**B** Read and choose the answer.

The mirror doesn't work. She tries again.  
 She invents things after school. Her mom does.  
 It cleans her room. She makes a plan.

- When does Clara invent things? She invents things after school.
- What does she do if her idea is not very good? \_\_\_\_\_
- What does she do when she has a new idea? \_\_\_\_\_
- Why does Clara say "Oh, no!"? \_\_\_\_\_
- Who thinks Clara's room is a mess? \_\_\_\_\_
- What does her new invention do? \_\_\_\_\_

**C** Think and discuss. Do you think it is easy or difficult to be an inventor? Why?

I think it's difficult because you have to work hard.

**Listen and say.**

Phonics cl-

climb

clue

cloud

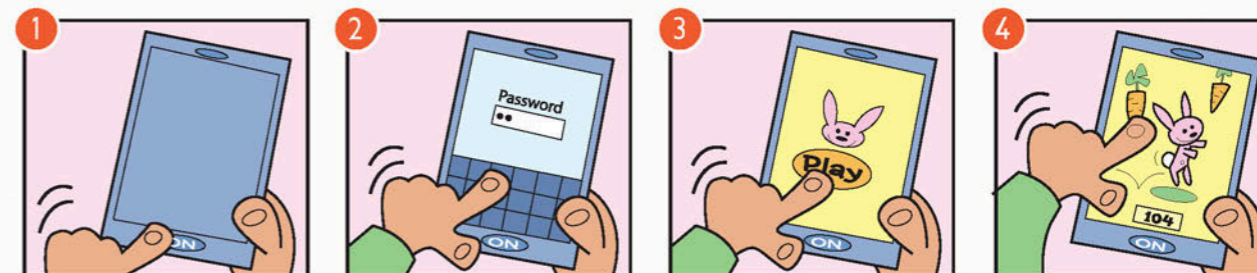
close

clap

Now find more words starting with cl- in the reading.

**A** Look and read. Then write the instructions in order.

Press play. Type password. Play the game. Press on.



\_\_\_\_\_

\_\_\_\_\_

Some readings give us instructions. This information has an order. This **sequence** helps us learn how to do something.

**B** Read and put in order.

First Second Third Last

- \_\_\_\_\_, an inventor makes the invention.
- \_\_\_\_\_, an inventor has a good idea for an invention.
- \_\_\_\_\_, an inventor tests the invention.
- \_\_\_\_\_, an inventor writes down the plan for the invention.

**C** Think and discuss. Why do you think inventors have notebooks?

It's because they want to remember things.

Now read **My Good Ideas Book**

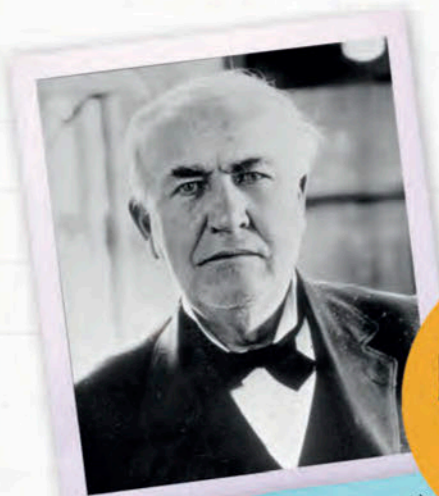




# MY GOOD IDEAS BOOK

## 1 Get started.

Write your ideas down.  
A lot of them!  
Choose a good one.



**Thomas Edison** (1847–1931)  
Inventions: movie projector,  
sound recorder, light bulb

When you have a **problem**,  
look for a **solution**.

My pencils always  
roll off the table.  
How can I stop them?

I can shape  
them like  
hexagons.

Thomas Edison  
had thousands  
of notebooks.



**You need:**  
 Ideas  
 Time  
 A notebook  
 A pencil



This plant sticks to  
your clothes.



This shoe sticks like  
the plant.

Look at animals and plants.  
They can give you good ideas.



Where do  
new ideas  
come from?



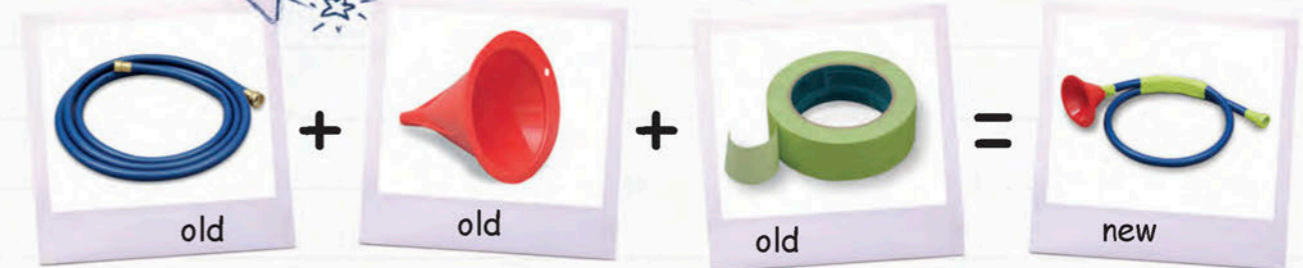
Use old  
things to  
make  
something  
new.



Kingfishers fly fast.



This train's shape is like the  
kingfisher.



### Words in Context

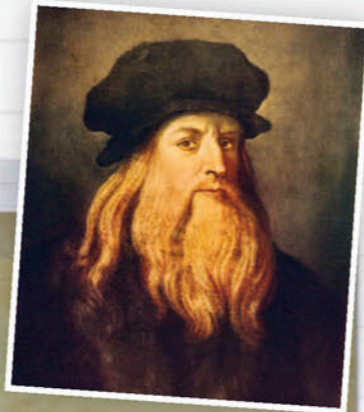
Find these words in the reading. What do you think they mean?

**problem**   **solution**   **hexagon**   **improve**   **parachute**

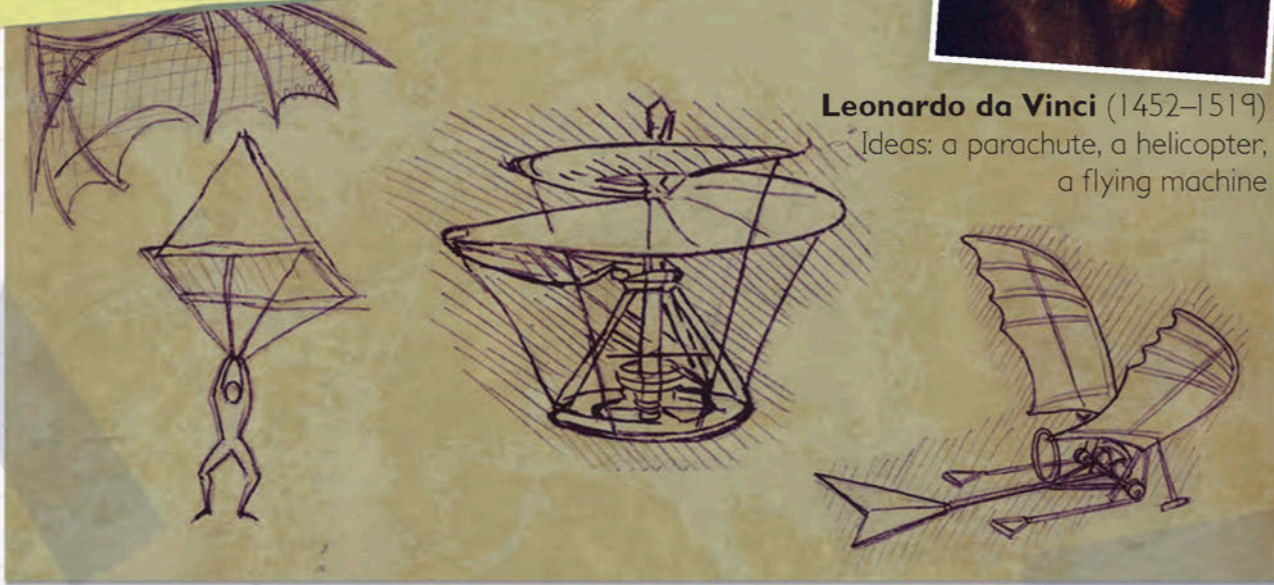


## 2 Work on your idea.

Draw a picture of your idea.  
Drawing helps you to see your idea.  
When you see a problem, you  
can change it.



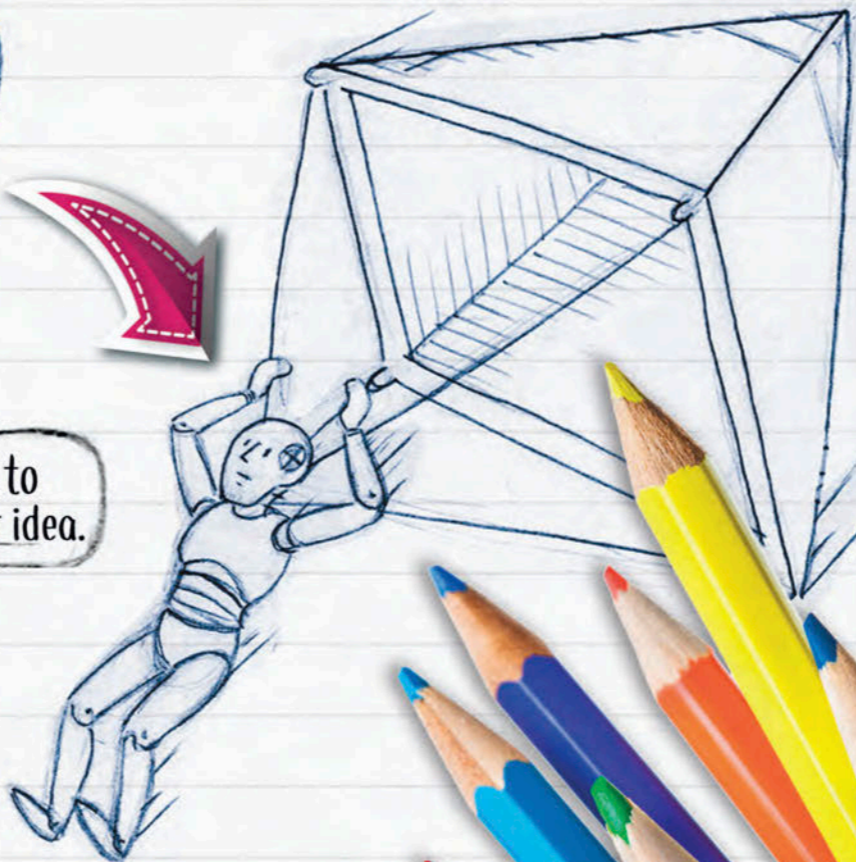
**Leonardo da Vinci** (1452–1519)  
Ideas: a parachute, a helicopter,  
a flying machine



These are some of  
da Vinci's drawings.

Make a drawing  
of your idea.

Use it to  
test your idea.



## 3 Improve your idea.

Show your idea to your friends and family.  
Listen to what they say and maybe change your idea.



**Karl Benz** (1844–1929) invented the first motorcar in 1885.

Do you like  
drawing or making  
new things?

Don't give up!

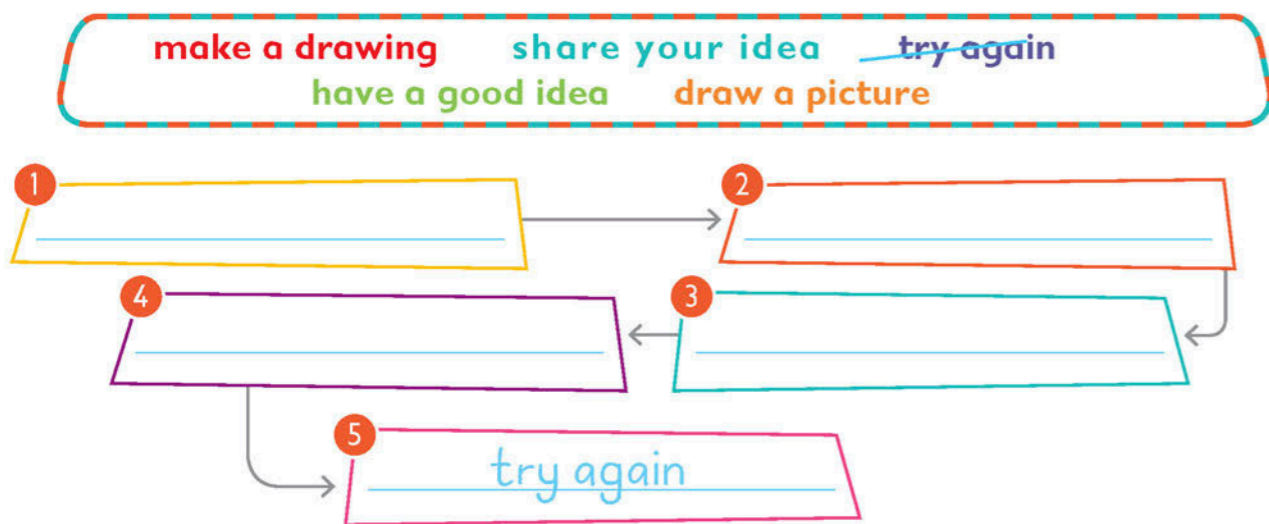
Try again ...

and again ...

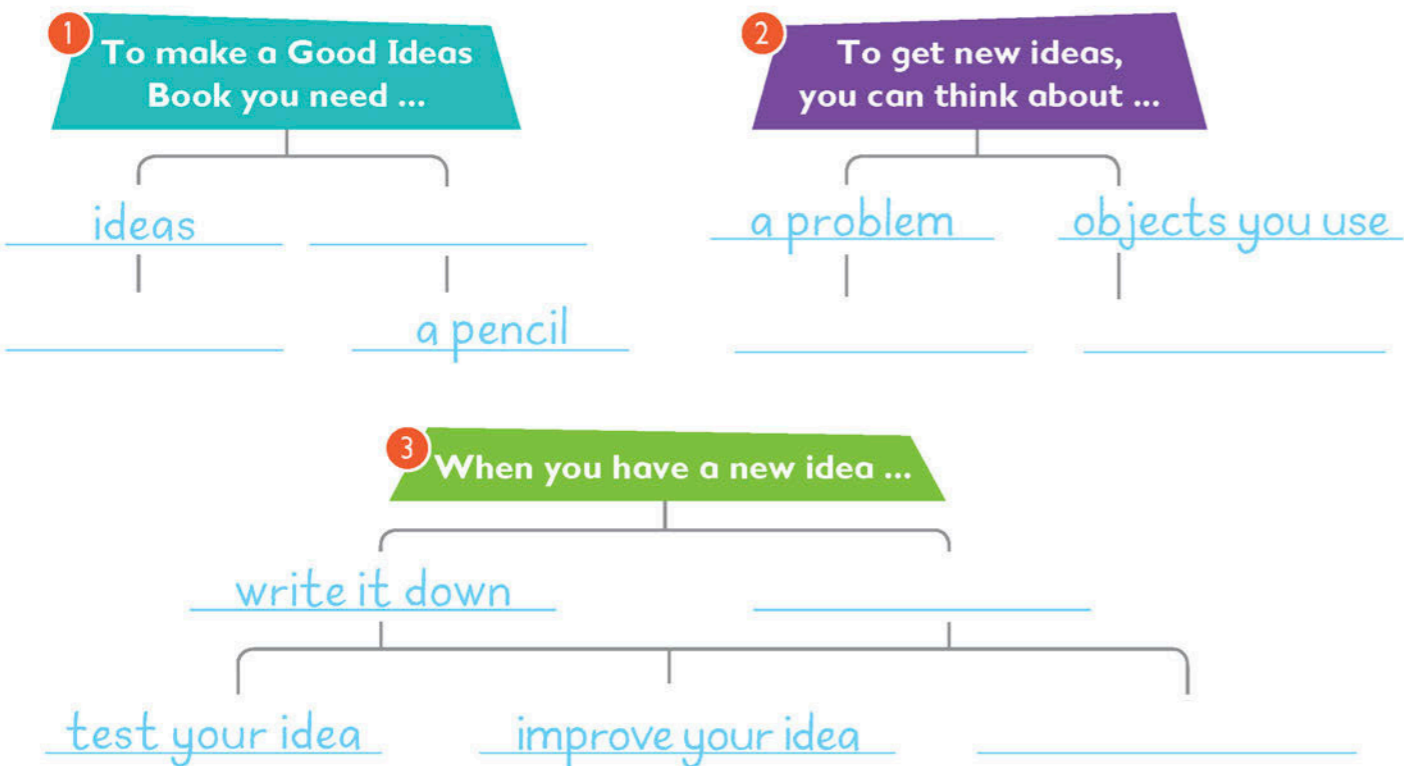
and again!



A Read and put in order.



B Read and complete.



C Think and discuss. How are these inventions helpful?

parachutes   trains   pencils   light bulbs

Parachutes are helpful so you can be safe.

Why do people invent things?

A Read and match the inventions to the inventors. Complete the Invention column.

the parachute   the movie projector  
 the alarm clock pillow   the car

Inventor	Invention	Reason
Clara Doodle		
Karl Benz		
Leonardo da Vinci		
Thomas Edison		

B Look at A. What is the reason for each invention? Complete the Reason column.

to travel in the air   to wake up on time  
 to travel quickly with no horses   to show movies

C Think and share. Why are these inventions important? Give reasons. Do a Round Robin.

robot   TV   computer   glass

My Reading Journal

Write three interesting things from this unit.

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

What's an invention you want to know about? How can you learn about it?

I want to know about \_\_\_\_\_  
 I can learn about it by \_\_\_\_\_