

## UNIT 5: INVENTIONS

### Lesson 5.4: My inventions out of plastic

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Class: \_\_\_\_\_



## Vocabulary



to invent



an invention



an inventor



a problem



a solution



to pollute



# Grammar



## Language detective

### Using verbs + to

Many verbs are followed by the infinitive with to:

She **wants to be** a scientist.

She **hopes to solve** the energy problem.

She **plans to work** hard to reach her goal.

Subject	Verb 1		Verb 2
He/ She/ It/ I/ You/ We/ They ...	want(s/ed) hope(s/d) plan(s/hed) remember(s/ed) start(s/ed) promise(s/d) decide(s/d)	to	dance/ cook/ sing...

### Infinitive of purpose

#### Language detective

We use the infinitive of purpose to say why we do something.

Daniel Burd did experiments **to discover** a way of breaking down plastic bags.

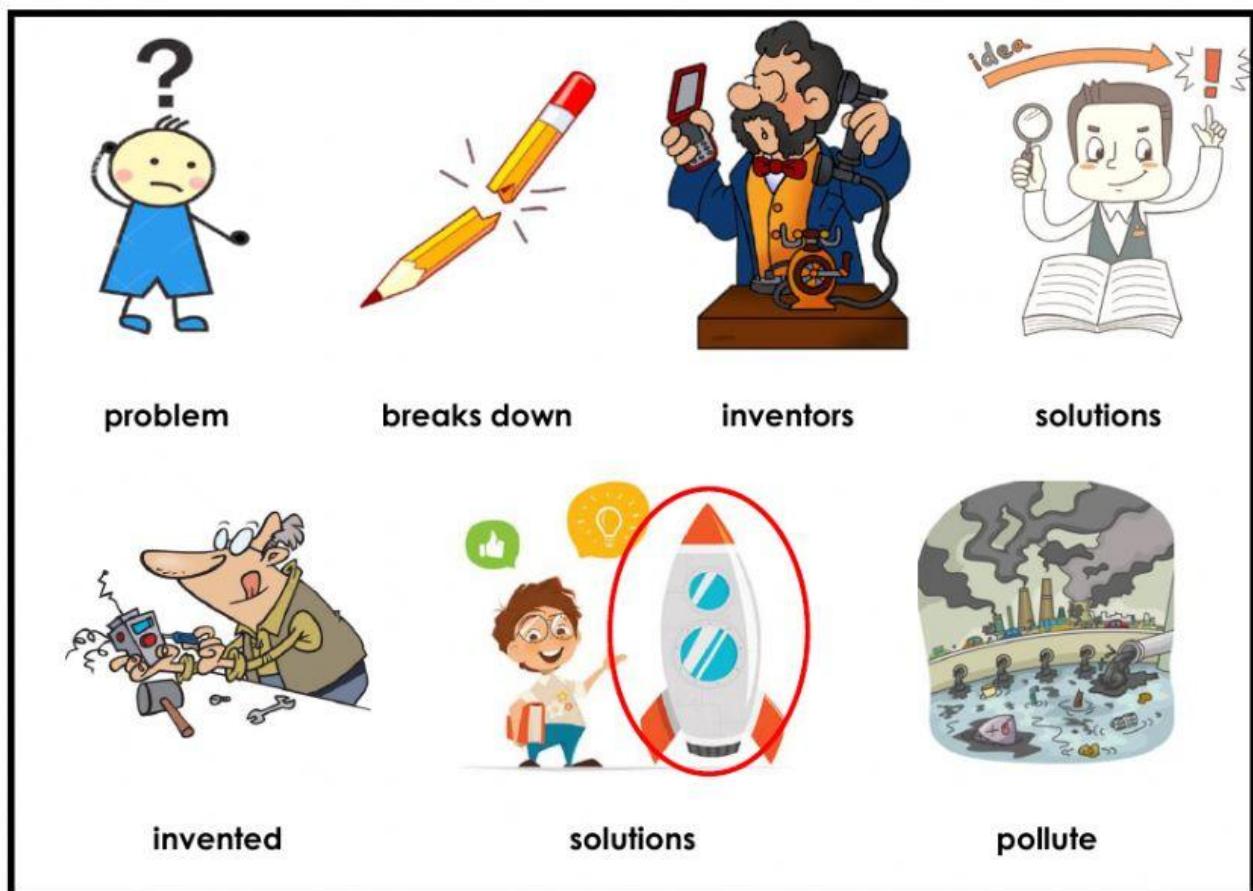
Why do you go to English classes? **To learn** to speak English.

Why do you brush your teeth? **To clean** them.

Question	Why	helping verbs	Subject	verb?
		does/ do/ did	(She/ He/ It/ I/ They/ You/ We...)	
Answer	Subject (She/ He/ It/ I/ They/ You/ We...)	verb(s/es/ed)	to + verb.	



### Task 1: Read and write the words



#### What's the problem with plastic?

If you look at some paper or wood that's left in the garden, after a while it

(1)..... . It goes into smaller pieces and finally can be part of the ground again. Plastic doesn't do that. Many years after you use plastic, it is exactly the same. And that's a (2)..... .

A lot of young (3)..... are looking for (4)..... to the plastic problem.

Plastic containers (5)..... the seas and kill sea creatures so Boyan Slat (6)..... a long net to catch plastic and take it out of the sea.

Lucy Hughes's (7)..... is a new plastic wrap. It is made of fish skin which does break down.

**Task 2: Circle the correct answers.**

**Example:** She wanted ..... a scientist in the future.

A. being

B. to be

C. was

1. Boyan Slat decided ..... a solution to stop the water pollution.

A. find

B. finding

C. to find

2. She ..... experiments at home when she was only five.

A. started to do

B. started do

C. starting do

3. I ..... to study hard so I can get into my dream school.

A. planning

B. to plan

C. plan

4. We ..... America in the future.

A. hope to visit

B. hope visiting

C. hope visit

5. They want a computer ..... them with their homework.

A. helping

B. help

C. to help

6. Why do we use the internet?

A. Find information

B. Finding information

C. To find information

7. She went to the shop .....

A. to buy sweets

B. for buy sweets

C. for buying sweets

8. I would like ..... Spanish.

A. to study

B. studying

C. study

9. Why did Daniel Burd use microbes?

A. Breaking down

B. To break down

C. To breaking down

plastics

plastics

plastics

10. Daniel Burd did experiment ..... a way of breaking down

plastic bags.

A. discover

B. to discover

C. discovering

**Task 3: Answer the questions about yourself.**



a. What do you want to be when you grow up?

.....

b. What would you like to study?

.....

c. Where do you hope to live?

.....

d. What do you plan to do to achieve your dream?

.....

**Task 4: Make your idea web about an invention.**

**My invention**

**1. Draw your picture:** Use a black pen and make your drawing BIG. Add colour and label.

**Invention name:** \_\_\_\_\_

**2. Give personal information.**

Name: \_\_\_\_\_  
Age: \_\_\_\_\_  
School name: \_\_\_\_\_

**3. Explain your invention.**

What is it? \_\_\_\_\_  
Why did you invent it? \_\_\_\_\_  
How does it work? \_\_\_\_\_  
Who is it for? \_\_\_\_\_

**Task 5: Look at your idea web in Task 4 and write about your invention out of plastic.**

**Let's draw a picture!**

\_\_\_\_\_

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_

#### **Writing Checklist**

1. My sentences begin with a capital letter.
2. My sentences end with a period.
3. My words are in the correct order.