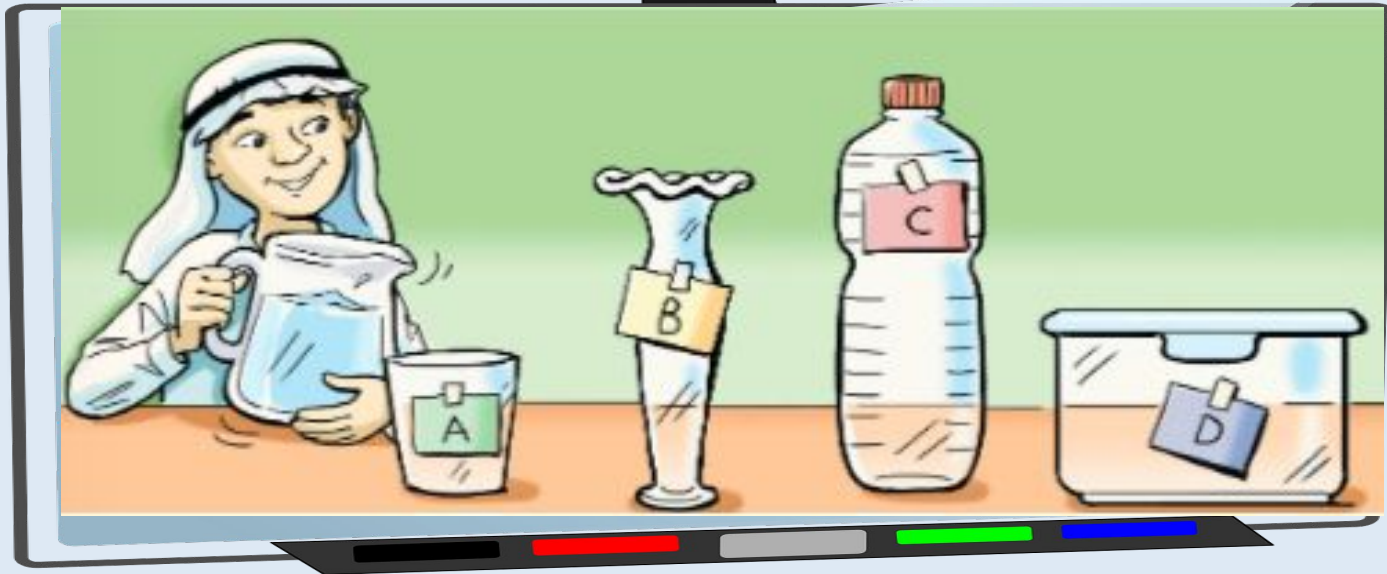



# Lesson 9 : Containers.



# Starter

Grade 4 A/B



What do you think he is doing?

Which container holds the most water?

# Learning Objective Question:

To write up instructions for and findings from an experiment.

Enter Keywords and meanings

What do the words below mean? Work with a partner and discuss what they mean and how to use it in a sentence.

**experiment, instruction,  
container, pour, hold, jug,  
bottle, tall, short, wide,  
narrow**

**Say the word to your partner.**

- 1. Tell your partner what it means.**
- 2. Together write a sentence with the word.**



Learning Skills Focus



Identifying and classifying.  
Ask and answer

- Discussion

Cross curricular links:


- Math
- Containers, size
- IBT
- Listening / Reading comprehension



# Making connections

To write up instructions for and findings from an experiment.

What I already know about the question ?

Topic- <input type="text"/>		
K	W	L
What I know	What I want to know	What I have learnt
		

The form is a worksheet for organizing knowledge about a topic. It features a header for the topic, three columns labeled K (What I know), W (What I want to know), and L (What I have learnt), and a small illustration of a student writing at a desk in the bottom left corner.



## Success Criteria

To write up instructions for and findings from an experiment.

**1-Students will watch a video about an experiment.**

**2-Students will correctly order instructions for an experiment.**

**3- Students will write up instructions for and findings from an experiment.**



## Learning input

To write up instructions for and findings from an experiment.

What is an experiment?  
What experiments have you done before?  
Which container holds the **most** and **least** amount of water?



Real World Links

- Containers, size



UAE Links

**Critical thinking**  
**When do we use measurement at home?**

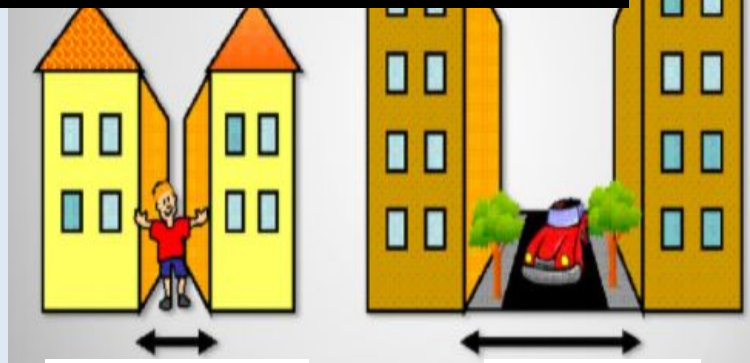
Compare between Ajman and Abu Dhabi.

**tallest**

# Learning input

To write up instructions for and findings from an experiment.

**shortest**



**narrow**

**wide**

Elham has less juice than Salma.



Salma has more balls than Elham.

**the least**

**the most**



more less

# Learning input

To write up instructions for and findings from an experiment.

Which container holds the **most** and **least** amount of water?

What is an experiment?

What experiments have you done before?





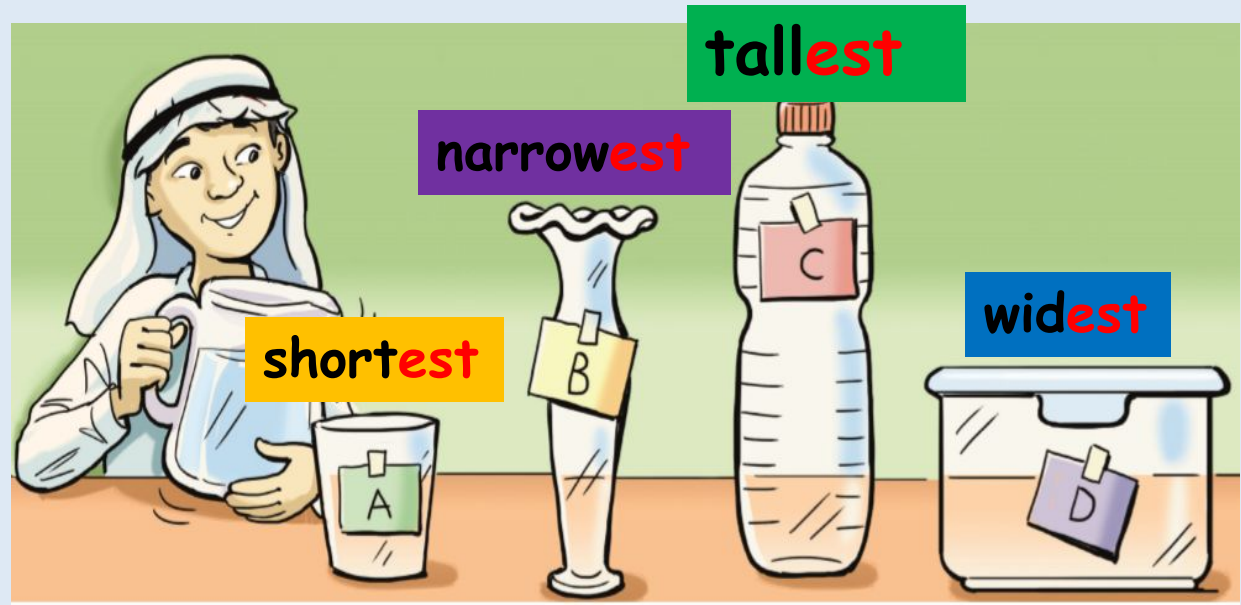
# Learning input

To write up instructions for and findings from an experiment.

- 1 Which container is the **tallest**? Which is the **shortest**?
- 2 Which container is the **widest**? Which is the **narrowest**?
- 3 Which do you think will hold **more** water, A or B?

Write in  
the chat  
box

1	<b>Model</b> I do ~ You watch
2	<b>Share</b> I do ~ You help.
3	<b>Guide</b> You do ~ I help.
4	<b>Apply</b> You do ~ I watch.



# Learning input

To write up instructions for and findings from an experiment.

4 Which do you think will hold **more** water, C or D?

Why?

1	<b>Model</b> I do ~ You watch.
2	<b>Share</b> I do ~ You help.
3	<b>Guide</b> You do ~ I help.
4	<b>Apply</b> You do ~ I watch.



# Learning input

To write up instructions for and findings from an experiment.



5 Which do you think will hold **less** water, A or D?

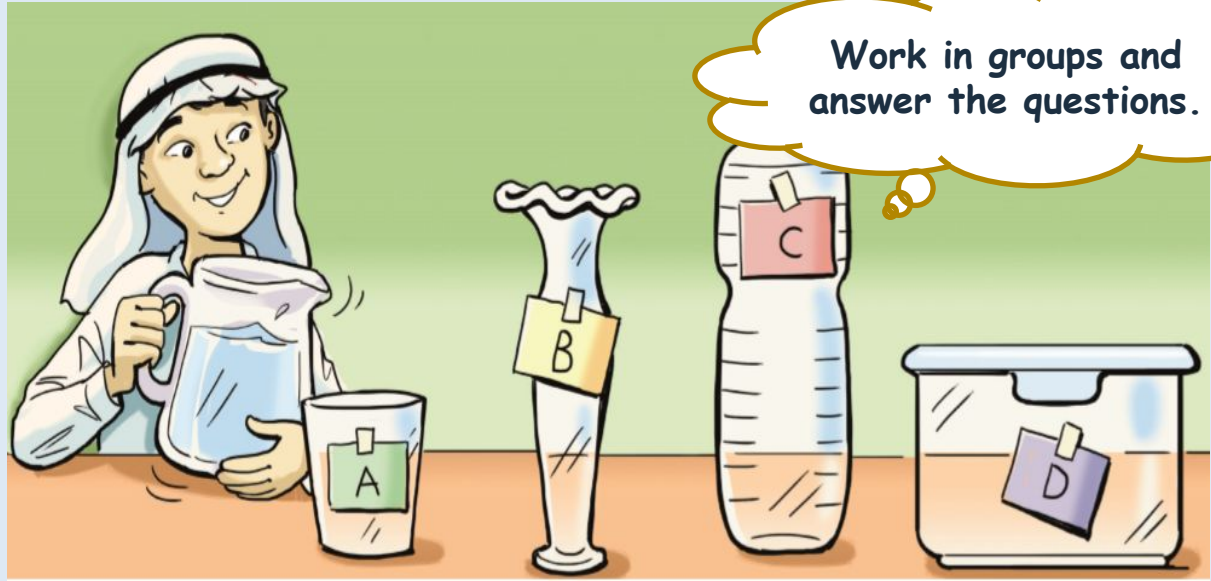
Why?

6 Which container do you think will hold **the most** water?

7 Which do you think will hold **the least** water?

Why?

1	<b>Model</b> I do ~ You watch.
2	<b>Share</b> I do ~ You help.
3	<b>Guide</b> You do ~ I help.
4	<b>Apply</b> You do ~ I watch.



# Learning activity

To write up instructions for and findings from an experiment.

1) Which container holds the most water?

2) I think .....

Self Study



3) We will need.....

4) What happened ?

4) My prediction was .....



## The Scientific Method

### Question

What are you trying to find out?

### Hypothesis

What do you think will happen?

### Materials

What will you need to do the experiment?

### Procedure

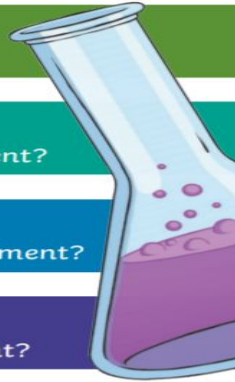
What steps will you take to do the experiment?

### Results

What happened during the experiment?

### Conclusion

What did you find out? Was your prediction correct?



## Self Study

# Learning activity

To write up instructions for and findings from an experiment.



## 2 21st Let's find out!

Get four containers that are different shapes and sizes.

Line up the containers. Start with the one you think will hold the **least** water.

Finish with the one you think will hold the **most** water.

Label the containers A, B, C and D. Get some water and test your ideas.

Write sentences about what you found out.

Container \_\_\_ holds the **most** water.

Container \_\_\_ holds the **least** water.

Container \_\_\_ holds more water than container \_\_\_ .

Complete this experiment by yourself at home. Share your findings below.

### 2 Over to you

Draw the four containers you used in your experiment (page 158 of the Learner's Book). Label the containers A, B, C, D. Then write three sentences about what you discovered in your experiment.

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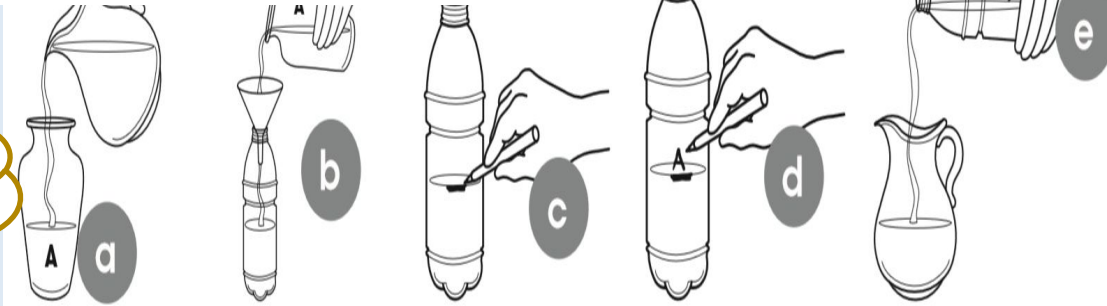
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# Learning activity

To write up instructions for and findings from an experiment.

The pictures below show how to do the experiment.

What is happening in each picture?



What was the aim of this experiment?

- 1 Model**  
I do ~ You watch.
- 2 Share**  
I do ~ You help.
- 3 Guide**  
You do ~ I help.
- 4 Apply**  
You do ~ I watch.

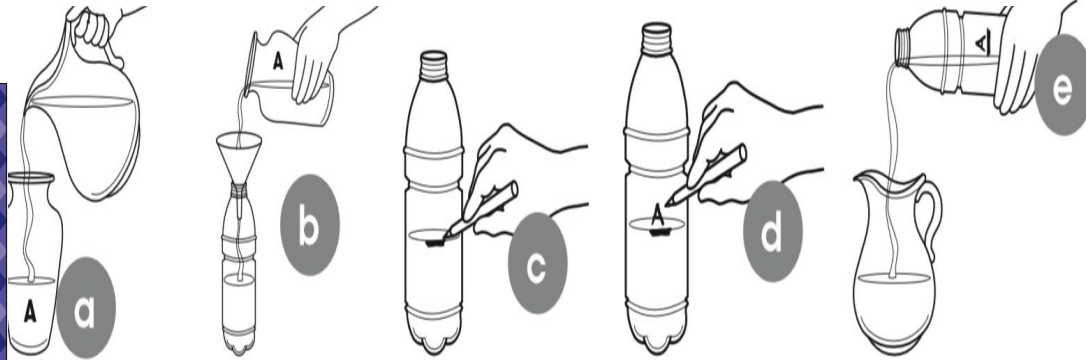
The instructions are jumbled up. Can you put them in the right order?

- Repeat instructions 1–5 with the other containers.
- Next, draw a line on the bottle to mark the height of the water.
- Then write the letter A by the line on the bottle.
- Next, pour the water from container A into a large empty plastic bottle.
- 1 First, pour water from a jug into container A.
- Then pour the water from the bottle back into the jug.

# Learning activity

To write up instructions for and findings from an experiment.

The pictures below show how to do the experiment.



1

**Model**

I do ~ You watch.

2

**Share**

I do ~ You help.

3

**Guide**

You do ~ I help.

4

**Apply**

You do ~ I watch.

The instructions are jumbled up. Can you put them in the right order?

Repeat instructions 1–5 with the other containers.

Next, draw a line on the bottle to mark the height of the water.

Then write the letter A by the line on the bottle.

Next, pour the water from container A into a large empty plastic bottle.

1

First, pour water from a jug into container A.

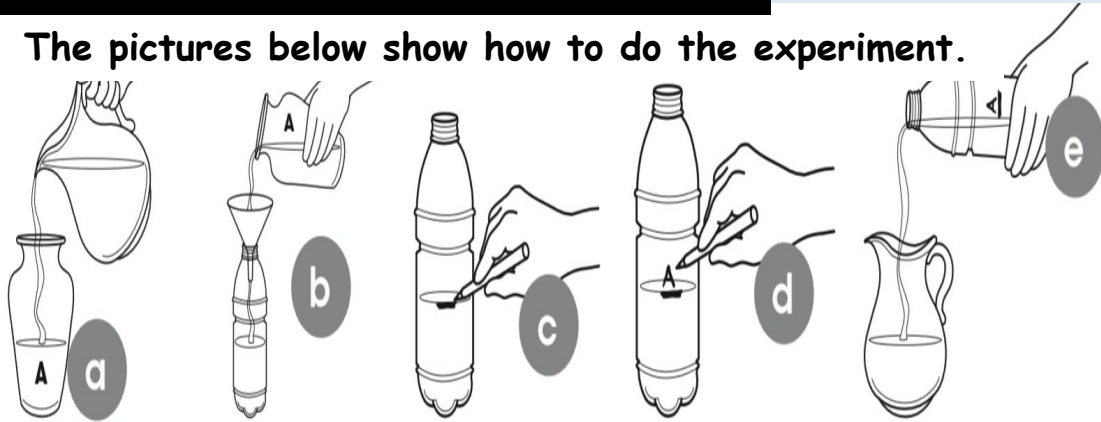
Then pour the water from the bottle back into the jug.

# Learning activity

To write up instructions for and findings from an experiment.

- 1 Model**  
I do ~ You watch.
- 2 Share**  
I do ~ You help.
- 3 Guide**  
You do ~ I help.
- 4 Apply**  
You do ~ I watch

The pictures below show how to do the experiment.



The instructions are jumbled up. Can you put them in the right order?

- 6** Repeat instructions 1–5 with the other containers.
- 3** Next, draw a line on the bottle to mark the height of the water.
- 4** Then write the letter A by the line on the bottle.
- 2** Next, pour the water from container A into a large empty plastic bottle.
- 1** First, pour water from a jug into container A.
- 5** Then pour the water from the bottle back into the jug.

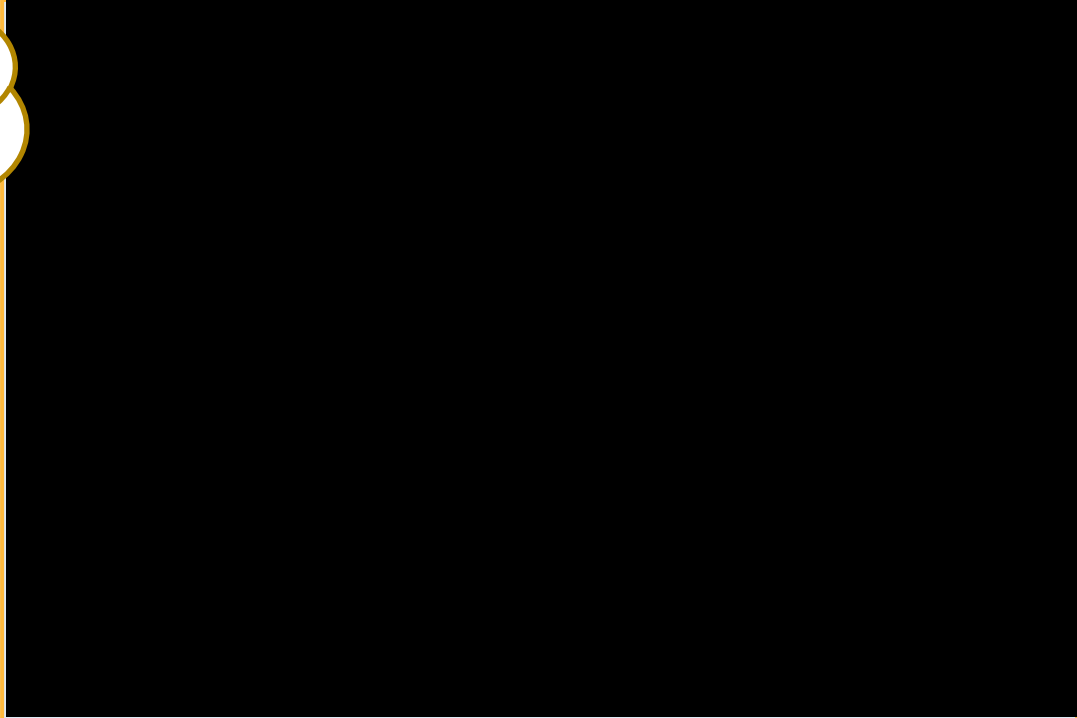


# Learning activity

To write up instructions for and findings from an experiment.

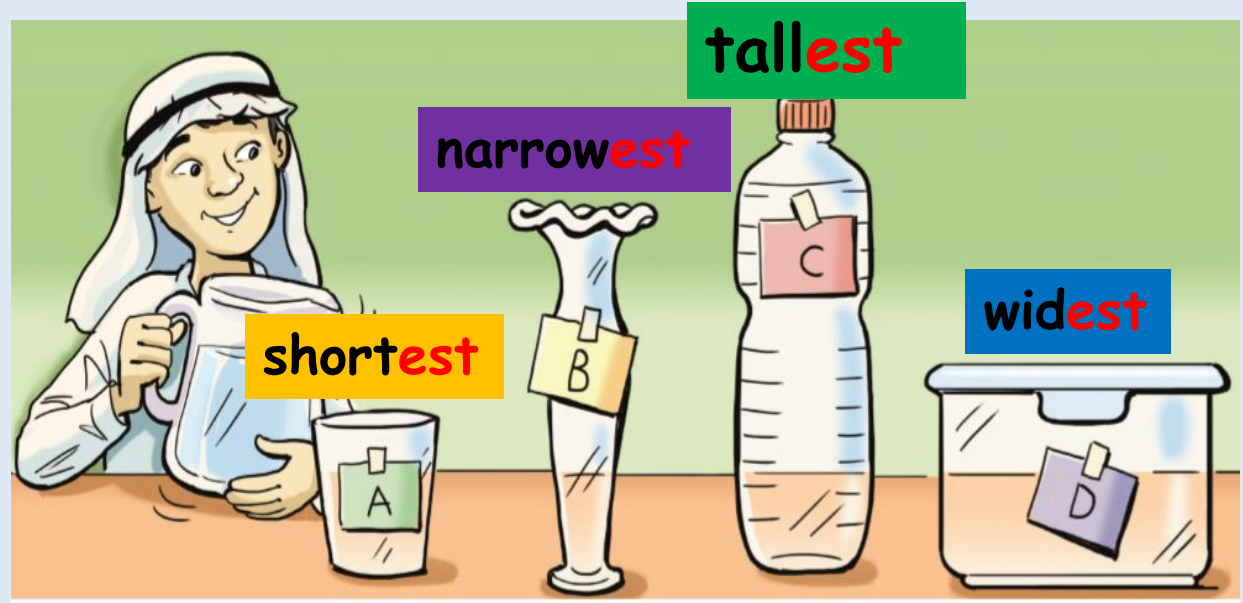
## We use Math everyday

When do we  
use  
measurement  
at home?



# Learning activity

To write up instructions for and findings from an experiment.



# Learning activity

To write up instructions for and findings from an experiment.

Differentiated  
Interactive Tasks

When you are done with your groups activity you may try out the other group's activity.

Meeting Individual Student Needs

<https://wordwall.net/play/10536/928/789>

<https://wordwall.net/play/12325/348/731>

<https://wordwall.net/play/6861/422/565>

<https://wordwall.net/play/4534/240/137>

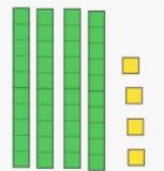
Which group has  
**MORE** lions?



x2 Score

Extra Time

Ten more than 44



A	88
B	38
C	54
D	27

ten more / ten less

First, get two  
slices of bread.



A get  
B two  
C First

Can you spot the time connectives!

outgoing beautiful popular clever  
funny active tidy tall  
lazy talkative

the \_\_\_\_\_ + est      the most \_\_\_\_\_

Superlative adjectives  
matching game

More and Less

# Making connections

To write up instructions for and findings from an experiment.

What I already know about the question ?

The worksheet features a table with three columns and one row. The columns are labeled 'K', 'W', and 'L'. Below these labels are the phrases 'What I know', 'What I want to know', and 'What I have learnt'. The table is surrounded by educational icons: a pencil and paper in the top left, a stack of books in the top right, and a cartoon boy writing at a desk in the bottom left. A 'twinkl' logo is in the top right corner.

Topic- <input type="text"/>		
K	W	L
What I know	What I want to know	What I have learnt



# Plenary

Let's practice

<https://wordwall.net/play/12325/348/731>