

# UNIT 11

## درس علوم A science lesson



Lesson 1 & 2



### I. New Vocabulary

WORD	MEANING	WORD	MEANING
float	يطفو	lie on	يقع على
sink	يفرق	else	آخر
experiment	تجربة	without	بدون
happen	يحدث	a can	علبة
peel	قشر / يفشر	add	يضيف
then	بعد ذلك	certain	معين
bottom	قاع	action	حدث
enough	كافي	result	نتيجة
air	هواء	ice	ثلج
similar	متشابه	warm	دافئ
oil	زيت / بترول	melt	يذوب
lighter	أخف	screen	شاشة
remove	يزيل	dictionary	قاموس
outside	خارج	vinegar	خل
fruit	فاكهة	know	يعرف
vegetable	خضار	hot	ساخن / حار
liquid	سائل	a present	هدية

### II . Words and Opposites

sink	يفرق	float	يطفو
similar	متشابه	different	مختلف
hot	حار	cold	بارد

### III . Language Notes

#### Examples of the new words in sentences

add	float	Peel (v)	Peel (n)	Sink
pour	fill	stir	heat	melt

1-To peel is to remove the outside of a fruit or vegetable.

2-The outside of a fruit or vegetables is called peel.

- ❖3-To sink is to move to the bottom of the liquid.
- ❖4-To float is to lie on top of the liquid.
- ❖5-To add is to put something with something else.
- ❖6- The fire fighters pour water on the fire for many hours to stop it.
- ❖7- My mother always fills a bottle with cold water for me to take to school .
- ❖8- I put sugar in my tea .Then , I stir it slowly before I drink it.
- ❖9 – Sara heated the chicken in the oven.
- ❖10- All the plastic chairs started to melt because the fire was very hot.

## Grammar

### Zero Conditional الحالة الصفرية

If ( present simple مضارع بسيط ) , ( present simple مضارع بسيط )

نستخدم الحالة الصفرية في الحقائق العلمية والمواقف المعتادة

حقائق علمية	مواقف معتادة
If we put wood in water , it floats. If ice gets warm , it becomes water. If I put an orange into water , it floats. If something has enough air , it doesn't sink.	If I am tired , I go to bed If it is cold , I wear my jacket. If I read too much , I have a headache. If you don't sleep early , you get up tired

### When // If

When I meet my friend , I say hello . = I say hello if I meet my friend.  
When we mix blue and yellow , we get green. = If we mix blue and yellow , we get green.  
If we don't water plants , they die.  
If you touch the screen , the game starts.  
I use my dictionary when ( if ) I don't know a word.

## Exercises

Ahmed : What do you do when you are hot?

Amr : .....

Sara : .....

Mariam: If I mix red and green , I get brown.

Choose the correct answer

1- Can you ( peel – drink – throw – eat ) the potatoes after washing them ?



- 2- Fire fighters ( added – poor – poured – drank ) water on the fire to stop it.
- 3- ( Eat – Stir – fill – Fill ) the bottle with water.
- 4- We add ( juice – ice – petrol – oil ) to the food when we cook.
- 5- Stones ( float – think – dive – sink – walk ) in water.
- 6- You can ( kill – fill – add – full ) the balloon with air.
- 7- Add sugar to your coffee and ( stir – pour – fill – eat ) it
- 8- ( Drink – Eat – Pour – Made ) the tea for your father.
- 9- Ice ( stirs – pours – heats – melts ) in the sun.
- 10- Put the food on the cooker to ( heat – hot – cool – pour ) it
- 11- The balloon is full of ( petrol – oil – water – rice ) so it flies high.
- 12- We will give prizes to the first , the second and the ( three – four – five – third )

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- 13- If you ----- two and two you get four.
    - a) peel
    - b) stir
    - c) add
    - d) divide
  - 14- If you throw a stone in water , it ----- to the bottom.
    - a) floats
    - b) sinks
    - c) dives
    - d) stays
  - 15- ----- I am tired , I go to bed .
    - a) If
    - b) Of
    - c) Off
    - d) By
  - 16- Students go to the science lab to do ----- .
    - a) games
    - b) experience
    - c) expert
    - d) experiment
  - 17- You should ----- your shoes before praying.
    - a) move
    - b) remove
    - c) wear
    - d) peel
  - 18- Would you like to have ----- juice or coca cola?
    - a) meat
    - b) fish
    - c) orange
    - d) sugar
  - 19- The balloon which is filled with hot ----- rises
    - a) air
    - b) oil
    - c) water
    - d) petrol
  - 20- What happens if you ----- the orange and put it in water?
    - a) eat
    - b) peel
    - c) drink
    - d) heat
  - 21- If something has enough air in it , it ----- sink.
    - a) does
    - b) don't
    - c) doesn't
    - d) didn't
  - 22- Throw the ----- of the oranges in the litter bin.
    - a) peel
    - b) juice
    - c) taste
    - d) smell
  - 23- Which is ----- , oil or water?
    - a) heavy
    - b) light
    - c) lighter
    - d) lighting
  - 24- Why does oil ----- on water?
    - a) floats
    - b) float
    - c) floating
    - d) floated
  - 25- You should write your name at the ----- of the letter.
    - a) top
    - b) centre
    - c) bottom
    - d) middle
  - 26- Does plastic objects sink or ----- in water?
    - a) dive
    - b) think
    - c) float
    - d) hide

# UNIT 11

## درس علوم A science lesson

Lesson 3 & 4 & 5



### I. New Vocabulary

WORD	MEANING	WORD	MEANING
become	يصبح	New York	نيويورك
fill	يملا	scientist	عالم
heat	يسخن	date	تاريخ
need	يحتاج	birth	الميلاد
glass	زجاج	science	علوم
bottle	زجاجة	learn	يتعلم
balloon	بالون	university	جامعة
space	فراغ	object	شيء
push	يدفع	bell	جرس
pour	يصب	ring	يرن
stir	يقلب	red	احمر
order	ترتيب	purple	ارجواني
events	أحداث	soft	ناعم
yellow	اصفر	teapot	براد
blue	ازرق	ordinal	ترتيبي
green	اخضر	number	رقم
mix	يخلط	abbreviate	يختصر

### II . Words and Opposites

push	يدفع	pull	يجر
soft	ناعم	hard	صلب
teach	يعلم	learn	يتعلم
fill	يملا	empty	يفرغ
heat	يسخن	cool	يبرد

1) Finish the following dialogue with one word:

Teacher : Today , we are going to ----- a science experiment?

Student: Are we going to the science -----

Teacher: Yes , everyone will do the experiment ----- himself.

Student: Ok , I like doing -----.

2) Supply the following mini – dialogue:

1- Ali: What do you know about Dr El-Baz?

Amr:-----

2- Donia:-----?

Rowan: Put the oranges peel in the litter bin.

3) Choose the correct answer:

1- Metals ( sink – think – float – swim ) in water.

2- He broke his arm because of the ( flesh – sweet – inside – peel ) of a banana .

3- ( Of – Unless - If – Off ) I am tired , I go to bed.

4- Japanese writing is from top to ( top – bottom – left – right )

5- Why does an orange ( floats – float – sinks – thinks ) in water ?

6- What colour is your shirt ? It is ( purple – pupil – bulb – empty )

7- The great ( teachers – doctors – scientists – engineers ) invent many things.

8- If you put water in the freezer , it ( become – will become – becoming – becomes ) ice

4) Correct the following sentences:

1- If you peel the orange , does it floats in water?

2- Water is the solid form of ice.

3- When we leave ice in the sun , it sinks.

4- The science teacher makes a new experiment.

5) Read the following passage then answer the questions:

A week ago, my uncle was at a wedding with his children Sally, Heba and Hany. There was a band. Sally and Heba were clapping while a man was singing. Hany was listening to music.

A lot of people came to the wedding. They brought presents and sweets with them. My uncle himself brought a camera to take photographs. When they went home, his children said "It is a happy day".

A- Answer the following questions:

1- How many children has your uncle got?

2- Who was listening to music?

3- When did they go to the wedding?

B- Choose the correct answer from a, b or c:

1 - My uncle brought.....

a) a camera    b) a band

c) a present

2 - My uncle's children were ..... a) angry b) happy  
c) unhappy

Write four sentences about " The scientist Farouk El-Baz "

learnt	studied	helped	loved
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مستتر عرفات  
محمود ابو