

Unit 6 – Mothers’ Decisions can Change the World (Student’s Book) P. 40-41

pretend	يتظاهر	behave in a way to make people believe something that is not true
a genius	عبقري	someone who is unusually intelligent or very smart
frustrate	يحبط	to make somebody feel annoyed
quit	يقلع – يترك	stop doing something
letter	رسالة	a written message, usually sent through the mail.
tearful	ملينة بالدموع	full of tears; crying.
mentally	عقلي	in the mind
ill	مريض	not in good health
educate	يعلم	.to provide knowledge, training, and guidance to
homeschool ed	تعلم في المنزل	to teach school subjects to one's children at home
memorize	يحفظ	learn by heart
hands-on	عملي – يدوي	Practical
experience	خبرة	the repeated practice, activity, or observations that result in skill, ability, or wisdom.
set up	أعدّ – جهّز – أقام	to establish
laboratory	مختبر	a place used for scientific experiments.
experiments	تجارب	a carefully planned test used to discover something unknown.
telegraph	البرق – التلغراف	a system by which messages may be sent by electronic means. The telegraph puts messages in code and sends them along wires.

Train whistle

صفارة القطار

Train Whistle Language

Engineers do not blow whistles just for fun. Every toot has a meaning. Here's some definitions of what they mean:

(● means a short toot ■ means a long toot)

■■■	Release brakes. Proceed
●	Apply brakes. Stop.
■■ ● ■■	Approaching meeting points or waiting points of trains.
■■	Approaching Station.
■■ ● ■■ ■■	Approaching public grade crossing. Used as an alarm for people or livestock on the track.

		● ● ●	When train is standing, back up.		
		● ●	Answer to any signal not otherwise provided for.		
phonograph	فونوغراف	an early sound-reproducing machine that used cylinders to record as well as reproduce sound.			
					
failure	فشل	the act of not succeeding or not doing.			
numerous	عديدة – كثيرة	being in great number; many.			
persisted	أصر	to continue in a firm, steady way without stopping or lessening.			

Choose the correct answer.

- Edison gave his mother a letter from his -----.
a. father b. teacher c. principle d. boss
- When Edison's mother read the letter she felt -----.
a. happy b. angry c. nothing d. sad
- Edison's teacher wrote that Edison was -----.
a. mentally ill b. a genius c. a troubled kid d. a quiet kid
- Edison's mother decided to -----.
a. make him stay at home b. get him back to school
c. work outside d. educate him at home

Decide if these sentences are True /T/ or False /F/.

- Edison's mother felt happy as soon as she read the letter.
- Thomas Edison's teacher wrote that Edison was mentally ill.

3. Edison's mother read the letter without changing any word.

Grammar

Imperative

We use imperatives to tell someone to do something, or to give instructions, orders, warnings or requests.

Imperatives are divided into two groups:

Positive Imperatives

We use the base form of the verb.

Examples:

- Listen!
- Raise your hand!
- Speak English!
- Be quiet!
- Watch out!
- Please, have a seat!

Negative Imperatives

We use (do not) + the base form of the verb.

Examples:

- Don't come here!
- Don't speak Arabic in class!

Choose the correct answer.

1. ----- warmly so you don't get cold outside. It's snowing!

- a. Dress b. Dressing c. Dressed d. Don't dress

2. ----- after you eat a big meal. It's not a good idea.

- a. Don't exercise b. Exercise b. Exercised d. Didn't exercise

3. Boss: Always ----- your documents as soon as you finish writing them.

Employee: OK, I will.

- a. don't save b. to save c. saved d. save

4. Wife: ----- me when I am speaking.

Husband: Sorry.

- a. Interrupt b. Please, don't interrupt c. To interrupt d. Interrupted

5. ----- careful!

a. To be b. Be c. Being d. Don't be

Unit 6 – All are Involved Without Exception (Activity Book) P. 32-33

eventually	أخيراً – في النهاية	after a long time, or after a lot of things have happened	
enrol	يسجل – يلتحق	to arrange to join a school, university or course	
garner	يجمع – يكسب	to take or collect something, especially information	
accomplishment	إنجاز	something successful that is achieved after hard work	
standing ovation	احتفاء/تحية بالوقوف والتصفيق الحار	when the audience stands up and clap	
implementing	تنفيذ – تطبيق	putting a decision/plan/etc. into effect	
individuals	أفراد	referring to one person.	
Down's Syndrome	متلازمة داون	a congenital condition caused by an abnormal number of chromosomes which results in mental retardation and produces distinctive physical characteristics such as a broad face, flattened head, and slanted eyes.	حالة خلقية ناتجة عن عدد غير طبيعي من الكروموسومات تؤدي إلى تخلف عقلي وتنتج خصائص فيزيائية مميزة مثل اتساع الوجه ورأس مسطح وعينين مائلتين.
achieved	حقق – أنجز	to do or carry out successfully; accomplish.	
footsteps	خطوات	the mark left by a step; footprint.	
designer	مصمم	a person who makes or draws plans for creating something,	

		especially physical objects or structures.	
dolls	دمى	a toy made to look like a baby, child, or other person.	
fashion	أزياء	the style of clothes or way of acting that is popular.	
course	مادة دراسية	a series of lessons in a subject.	
showcase	عرض حالة	a setting, occasion, or medium for exhibiting something or someone especially in an attractive or favorable aspect	
attention	انتباه	notice or consideration.	
exhibit	معرض	a collection of things that are shown or on display for many people to look at.	
graduated	تخرج	a person who has finished studying at high school or college.	
musician	موسيقي	a person skilled at playing, singing, or writing music	
instruments	آلات موسيقية	any of various devices for making music, such as a trumpet or piano.	
performance	أداء	a particular entertainment presented before an audience.	
actor	ممثل	a person who acts a part in a play, a movie, or a radio or television program.	
educator	مربي - معلم	a person who teaches.	
well-known	مشهور	famous	
obtain	يحصل على	to get; gain.	
employment	توظيف	work done for pay; job.	
opportunities	فرص	a chance for a better situation.	

disabilities	إعاقات	the condition or state of being unable to do certain things, especially when caused by an injury, illness, or other medical condition.	
circumstances	ظروف	a condition or fact connected with or having an effect on an event or situation.	
successful	ناجح	ending or doing well.	
well-trained	يُدْرَب بشكل جيد		
intend	نوى – اعتزم – سعى	to have in mind as something to do.	

Choose the correct answer.

1. Isabella designed clothes for -----.

a. young people b. all people c. people with Down Syndrome d. herself

2. Springmuhl's designs were shown at London Fashion Week in -----.

a. 2015 b. 2016 c. 2017 d. 2018

3. Sujeet Desai is from -----.

a. India b. Britain c. Italy d. the US

4. Sujeet is a/an -----.

a. musician b. actor c. fashion designer d. singer

5. Sujeet received a standing ovation for his performance at -----.

a. London Fashion Week

b. the International Film Festival

c. Carnegie Hall

d. a university

Decide if the following are True /T/ or False /F/.

1. Isabella Springmuhl Tejada decided to follow the footsteps of her mother.
2. In 2016 Isabella's designs were shown at London Fashion Week.
3. Isabella's exhibit in London was followed by another one in Italy.
4. Sujeet Desai decided to study Maths.

Vocabulary

1. He heard someone's ----- in the hall.
a. graduated b. performance c. instrument d. footsteps
2. You are wrong, and I can ----- it.
a. prove b. graduate c. perform d. play
3. She ----- from university this year.
a. graduated b. performance c. instrument d. footsteps

Unit 6 – Focus on – Chemistry (Student's Book) P. 45

dirt	وسخ	Substance that is not clean	
mud	طين- وحل	Soft, wet earth	
reaction	تفاعل	An action that happens when something happens	
ashes	رماد	the soft gray powder that is left after something has been burned.	
soap	صابون	a cleaning substance that is made from fat or oil and comes in the form of a bar, liquid, powder, or flakes.	

molecule	جزيء	The smallest unit into which a substance can be divided without changing its chemical nature.	
hydrophobic	مادة كارهة أو نافرة للماء	of or pertaining to a substance that repels water.	
hydrophilic	مادة أليفة للماء	of, relating to, or having a strong affinity for water	يتعلق أو له صلة قوية بالماء
grab	تمسك بقوة	to take hold of suddenly or with force; snatch.	
mix	يخاط	To put two or more substance together and shake them until they form a new substance.	
bubble	فقاعة	A hollow ball containing air or gas, in liquid or floating in the air	
remove	يزيل	To take something off or away	
magnet	مغناطيس	A piece of iron that can attract and pick up iron and steel.	
layers	طبقات	a thickness of something that is spread over a surface.	
giant	عملاق	very great in size	
distilled	مقطر	to subject (a substance) to heat to the point of vaporization, and then to cooling to produce condensation	
diameter	قطر	a straight line from one side of a circle or sphere to the other that passes through the center.	
Experiment (n)	تجربة	a carefully planned test used to discover something unknown	
Film	غشاء/طبقة رقيقة	a thin layer or coating	
sandwiched	محصور	to fit or squeeze in between two things	

ingredients	عناصر امكونات	one of the parts of a mixture	
preferable	مفضل\أفضل	most desired	
tap	صنبور	a device to control the flow of liquid or gas from a pipe; faucet	
washing-up	غسل الأواني اجلي	British: to wash the dishes after a meal	
liquid	سائل	in a form that flows easily and is neither a solid nor a gas.	
glycerol/glycerin (n)	جليسرين	a sweet colorless or yellowish syrupy alcohol derived from fats or oils, used as a sweetener, solvent, and antifreeze, and in the making of soap, cosmetics, and medicines.	
hoop-shape	على شكل طوق	a circular or rounded figure, frame, or object.	
Dip	يغمس\يغمر	to put into a liquid briefly	
solution	محلول	a mixture that contains two or more unlike substances combined evenly.	
blow	ينفخ	to send forth a current of air or other gas	
firmly	بثبات	In a hard or solid way when pressed; not softly.	
recycle	إعادة تدوير	to put through a process that allows used things to be reused.	

Unit 6 – Trekking (Activity Book) P.40

Trekking	رحلة برية – سفاري	a long hard walk lasting several days, especially in the mountains	
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bleeding	نزف	the process of losing blood from the body	
inn	خان - نُزل	an old-fashioned hotel, usually in the country where people can stay the night	
adapt	يتكيف	to change your behaviour in order to deal more successfully with a new situation	
impatient	جزع - ضيق الخلق	restless -intolerant	
exhausted	منهك	very tired	
ahead	أمام - في المقدمة	further forward in space or time	
fascinating	أخاذ - أسر - جذاب	extremely interesting and attractive	
shaking	ارتجاج - ارتعاش	to move back and forth or up and down with quick motions.	
deal	مقدار - كمية	amount (usually used with "good" or "great").	
unfortunately	لسوء الحظ - مع الأسف	in a regrettable, unlucky, or unsuitable manner	
foreign	أجنبي	strange or not familiar.	
gradually	بشكل تدريجي	happening by degrees that are small and even.	
REVIVE	يستعيد - يعيد نشاط - يعيد الحياة	to give new health, strength, or life to.	
FLEET	أسطول	A group of ships or trucks	
SUSTAINABILITY	استدامة	capable of continuing or being kept up over time.	
INITIATIVE	مبادرة	the first or leading action in a process.	
BULK	كمية كبيرة	a large size or mass.	
PRAISE	يمدح		
DEGRADATION	انحطاط - انخفاض المرتبة	bring down from a higher to a lower rank or degree by taking away a position or title.	
IMPAIRED	تالف - ضعيف	to lessen the strength or ability of; damage.	
PROFIT	ربح	The money that you can make in business or by selling things	
ASCERTAIN	يوقن	to find out something	