GEOS INTERNATIONAL ENGLISH CENTER

UNIT 15
Inventions and Discoveries

VOCABULARY

Artificial (adj)	Experiment (v,n)	Operate (v)
automatic (adj)	gadget (n)	plastic (adj)
complicated (adj)	Hardware (n)	program (v, n)
decrease (v,n)	invent (v)	research (v)
digital (adj)	involve (v)	run (v)
discover (v)	laboratory (n,v)	screen (n)
effect (n)	Lack (v,n)	software (n)
equipment (n)	laptop (n)	Sudden (adj)
estimate (v)	maximum (n)	technology (n)
exact (adj)	Minimum (n)	unique (adj)

Phrasal verbs

break down	stop working (For a machine, etc)
come across	find sth by chance
find out	discover information,etc
make up	invent an explanation, excuse, etc
pull off	Break by pulling
throw away	put sth in a rubbish bin
turn off	stop a machine working
turn on	stop or machine working

Prepositional phrases

at last
by chance
in my opinion
in the end
in the future
out of order

LIVEWORKSHEETS

Word formation

boil	boiler, boiling	**history**	historic, historian
chemist	chemical, chemistry	**identical**	identically
conclude	conclusion	**long**	length
examine	examination, examer	**measure**	measurement
fascinate	fascination, fascinating		

Word pattern

Adjective	different from /to		result in
	full of	Nouns	a difference between
Verbs	begin sth with		an idea about
	connect sth to/with		a number of
	disconnect sth from		a reason for
	fill sth with		a type of

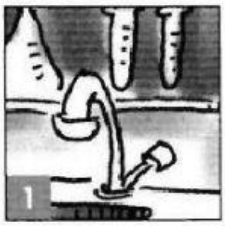
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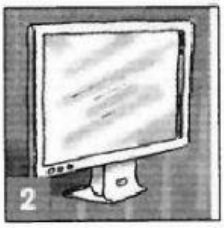
PRACTICSE VOCABULARY

A. Match the pictures with the words in the box

equipment	**experiment**	**gadgets**	**hardware**
laboratory	**laptop**	**screen**	**software**



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B. Complete using the words in the box

artificial	**automatic**	**complicated**	**digital**	**exact**
maximum	**minimum**	**plastic**	**sudden**	**unique**

1. It's not a/an ..... watch. It's got hands.
2. if you play this stereo on....., you'lll go deaf!
3. It's not a/an ..... experiment. In fact, it's really simple.
4. Are leather chairs more comfortable than .....ones?
5. There aren't any windows in the lab, so all the light is .....
6. Was it a / an ..... decision, had you thought about it for a long time ?
7. The lights are ..... - they come on when you enter the room, and go off when you leave.
8. Each person's fingerprints are ..... No two people have the same fingerprints.

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9. The ..... number of patients that necessary to test the new drug is 50. any less than that and the scientist won't know if it works properly or not.
10. I can't remember the ..... year it was discovered, but it was around 1976 .

C. Circle the correct word.

1. Do you know who **invented/ discovered** of the planet Mars.
2. The number of people dying of malaria has **run / decreased** enormously over the last 100 years.
3. You need at least three people to **operate / estimate** this machine safely4.
4. Modern **technology / equipment** make all our lives easier. 5.
5. We've done a lot of **research / experiment** into why people are scared of spiders.
6. I'm using a computer **research / program** that translates from English into Greek.
7. This drug seems to have no **effect / lack** on humans at all.
8. The experiment just **involves / operates** answering a few questions
9. could you **program / estimate** how many times a week you eat cheese ?
10. Do you think anyone will ever **invent / discover** a time machine ?
11. Professional Reinhart **decreases / runs** the computer lab with her three assistants.
12. There's **a lack / an effect** of phones in this office. We need some more !

PHRASAL VERBS

D. Choose the correct answer

1. I..... across this book about the moon in the library. It's really interesting.
   A. went B. found C. came D. looked
2. Jenny pulled ..... the handle so we can't open the cupboard now.
   A. off B. away C. in D. over
3. I'd like to find..... more about being a computer programmer.
   A. across B. off C. up D. out
4. Our car has broken..... again.
   A. off B. down C. out D. in
5. Dean was late for physics so he..... up a story about being attacked by a cat.
   A. took B. wrote C. created D. made

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6. ..... the TV off this show is boring .

A. took B. wrote C. created D. made

7. I'm going to throw this old shoes ..... I never wear them anymore.

A. off B. away C. down D. back

8. I turned ..... the top but no water came out .

A. over B. up C. round D. on

PREPOSITIONAL PHRASES

E. Complete using the words in the box

chance	end	future	last	opinion	order

1. These toilets have been out of ..... for a week now. when are they going to fix them.
2. In my....., humans will never live on other planets.
3. Alexander Fleming discovered penicillin by ..... he didn't expect to find it at all.
4. I wonder what new technology will be invented in the.....
5. Helen couldn't get the experiment to work for ages, but in the..... it was fine.

WORD FORMATION

F. Using the word given in capitals at the end of each line to form a words that fits in the gap in the same line.

MR. THOMAS

Mr Thomas what's a teacher at our school. He'd trained as a (1)..... and usually taught history. he definitely wasn't a (2)..... , but for some strange reason he taught us (3).....for a term. His lessons were always (4)....., Bet that was mainly because his experiment always went wrong! If you were supposed to use (5) .....water for an experiment, Mr Thomas would use cold water by mistake. Once, he was measuring the	**HISTORY** **SCIENCE** **CHEMIST** **FASCINATE** **BOIL**

LIVEWORKSHEETS

(6).....of some pieces of sodium . I can't remember exactly why he needed this (7)..... but I think he wanted all the pieces to react (8)..... As he picked up the ruler, his arm knocked over a jug of water and the sodium caught fire. He almost burnt the lab down and they had to call the fire brigade. I think after that Mr. Thomas came to the (9)..... that he should stick to the history. I learnt a lot from him, though. Whenever there was a question in a science (10) ..... about what happens when sodium reacts with water, I always got the answer right.	**LONG** **MEASURE** **IDENTICAL** **CONCLUDE** **EXAMINE**

WORD PATTERNS

G. Match to make sentences

1. What's the difference	A. in us having to call in the fire brigade.
2. This box is full	B. to that piece of equipment over there.
3. This resulted	C. about how to do this experiment.
4. Connect this cable	D. between H20 and H2SO4 ?
5. I've had an idea	E. with water ?
6. Could you fill this bottle	F. of old camping equipment.

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H. Write one word in each gap

from	with	from	of	of	for

1. This program is very different..... the one you're using at the moment.
2. Let's begin the lesson..... a short on the names of the different parts of an insect.
3. Disconnect your PC..... the power supply before you take the case off.
4. There are a number .....different ways of doing this experiment.
5. How many types..... building can you think of ?
6. What were your reason..... choosing to do biology at the University .

LIVEWORKSHEETS