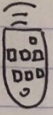
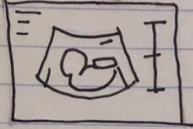


UNIT 9 - SCIENCE

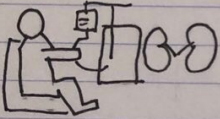
1. Scientific Developments / Achievements / Actions



TV remote control



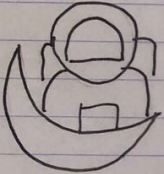
The ultrasonic image of an unborn child
- We can prevent the death of babies.



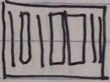
Home kidney dialysis



Catgut



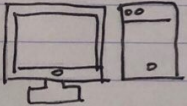
The first step of astronauts on the Moon



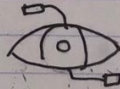
Barcodes on supermarket products



The Dolly Sheep
- The first cloned animal from an adult cell



Birth of home computer

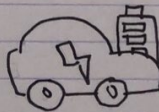


Bionic eyes

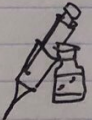
- Scientist insert them into retinas of blind people to restore their vision.



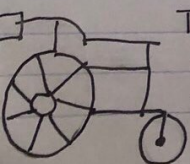
CDs go on sale



The first hybrid car



Synthetic human insulin



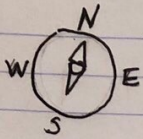
The wheel chair

- For people who are unable to walk.
- For people who are paraplegic.



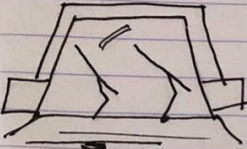
Walking stick

- Blind people
- Sight disabled people



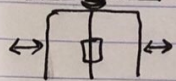
Compass

- Exploring new lands
- The first version of navigation systems

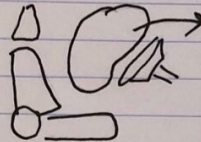


Windshield wipers

- Improving vision of drivers

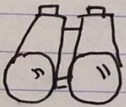


Automatic door

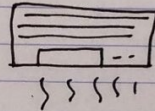


Airbag

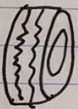
- Prevent deaths



Binoculars



Air conditioner

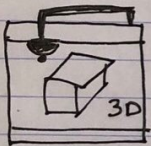


Tyre

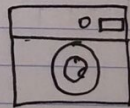
- Improving transportation
- Travel easily



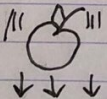
Dishwasher



3D printer



Washing machine



Gravity



Light bulb

2. Fields

philosophy
astrology
medicine
alchemy
chemistry
physics
cosmology

What is Marie Curie's specialty?
- Radioactivity.

Aziz Sancar is an expert in DNA repair.

hadriyeenagh

3. Vocabulary

- be angry = be annoyed (☹️)
- amazing = so surprising and interesting
- award = prize
- occur = to happen, take place
- image = picture
- regular = normal or usual
- the blind = sight disabled people (People who can't see.)
- wheel chair = a chair for disabled people
- nowadays = these days
- high-tech = ^{the most} advanced and developed
- concern = a worried feeling about sth
- renowned = famous
- distance = the amount of space between two things
- bravely = courageously
- assist = help
- give up = stop
- specialty = the subject of one's study
- goal = purpose, aim
- currently = now
- approximately = more or less than a number or amount = about = nearly = almost
- explosion = sudden and powerful burst
- lightning = a powerful flash of light in the sky
- formation = the process by which sth develops into a particular shape
- phenomenon = something that happens in nature, but it is difficult to understand

melt: to heat solid until it changes into liquid

item: a single thing in the list, group or set of things

product: something that people make in a factory in large numbers

prototype: the first form that a new design of a car, machine etc.

mold: a container that we use to make something in a particular shape

transform: to change the appearance or form of something completely

layer: a piece of material covering a surface between two other things

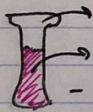
Stem cell: a special type of cell in body that can divide in order to form other types of cells

disease: illness of people, animals, plants etc.

durable: staying in a good condition for a long time

generate: to cause something to exist

debate: discussion of a particular shape



test tube

chemical substance

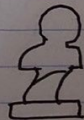
- conduct an experiment



infectious disease



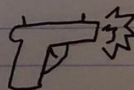
vaccine



wax sculpture

$$E=mc^2$$

equality



weapon
gun

4. Occupations

(who?)

(what?)

fireman → extinguish / put out fire

inventor → invent something

doctor → examine patients (with a computed tomography)

student → conduct an experiment in chemistry class

chemist → put chemical substance in the test tube in lab.

technician → operate machines

astronaut → fix problems on space station

scientist → view some soil samples under the microscope

astronomer → look into ^{the} sky through a telescope

student → look for some fossils in the excavation area

5. Vocabulary

Papero can recognize 3000 words (speech).

inventor : Willis C. (Who?)

invention : air conditioner (What?)

invent : to create sth

invention date : 1903 (When?)

discoverer : Marie Curie (Who?)

discovery : radium and polonium (What?)

discover : to find sth for the first time

discovery date : 1898 (When?)

extremely : very

only : sadece

except : hariç

rescue : kurtarmak

missing : kayıp

fire : yangın

flame : alev

smoke : duman

emergency : acil

prevent : önlemek

important

remarkable

significant

contributions : katkı

önemli