

Lesson Three

ارزش دانش

The Value of Knowledge

ارزش

value (n.) : the importance and worth of something

valuable (adj.)

ارزشمند

دانش

knowledge (n.) : facts, information and skill learned by education or experience

know (v.)

دانستن



ز گهواره تا گور دانش بجوی

Seek knowledge from the cradle to the grave

Holy Prophet (PBUH)

جستجو کردن

seek : search; look for

prophet : messenger of god

پیامبر

گهواره

cradle : a kind of bed for babies

قبر، گور

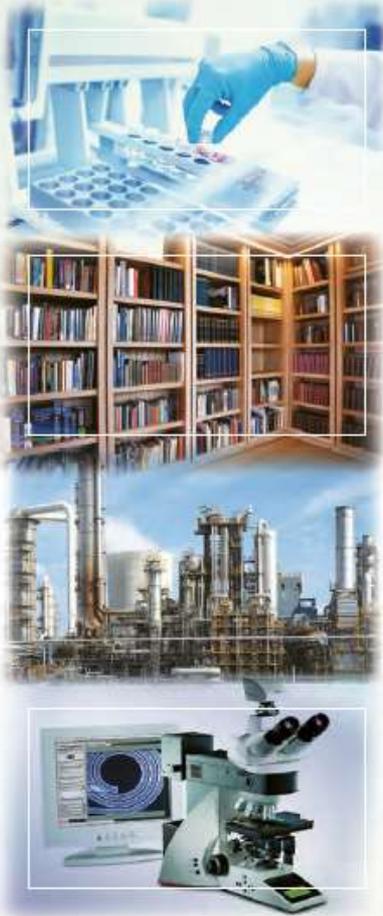
grave : the place for burying the dead body



Vision 1

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The Value of Knowledge



آزمایشگاه علمی

science laboratory

a place for doing research about science

Instagram: llvllasud

Library book shelves

refinery

پالایشگاه

a place for changing some materials to other useful forms

scientific research powerful microscope

پژوهش / تحقیق علمی



Vision 1

L3 The Value of Knowledge

Get Ready

Part One

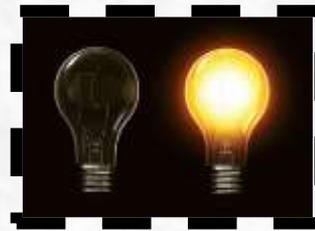
A. Match the pictures with the sentences.

Instagram: llvllasud



This helps us travel very fast to far places.

airplane



This gives us an easier life when there is no light.

light bulb / lamp



We use this to take and keep pictures very easily.

camera



People use this to talk with someone in another place.

telephone / phone



Vision 1

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Get Ready

Part One

B. Order the followings from 'oldest to newest'.

Instagram: ilvillasud

	a	b	c
Camera			
Light bulb			
Telephone			
Airplane			

دستگاه، وسیله

It is a **device** that takes pictures.

The **light bulb** changes electricity to light.

We use **telephone** to talk with people in another place.

Airplane carries people and things very fast.



Vision 1

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Get Ready

Part Two

A. Match the pictures with the words.

Instagram icon llvllasud



building

ساختمان



laboratory

آزمایشگاه



scientists

دانشمندان



Vision 1

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The Value of Knowledge

Word Bank



medicine : the science of curing diseases

پزشکی

 Ilvillasud

medical science

famous : well-known

معروف

fame (n.) → famous (adj.)

build : make; construct

ساختن

Believe me! : used to say the truth of something

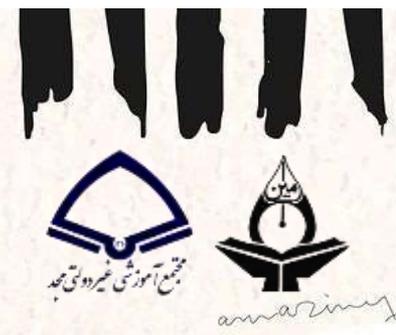
باور کن!

believe : *accept that something is true*

Cool! : great; interesting

باحال، ایول!





Vision 1

L3 The Value of Knowledge

Roya and Mahsa are leaving the library.

ترک کردن، خارج شدن

leave : go away from



thanks for coming!
we appreciated



Vision 1

L3 The Value of Knowledge

Conversation



llvllasud

famous : well-known

Roya: When I came in, you were reading a book. What was it?

Mahsa: I was reading a book about famous Iranian scientists.

چنین کتاب‌هایی

Roya: But such books are not very interesting.

such books : books like these

Mahsa: At first I had the same idea, believe me!

interesting ≠ boring

Roya: Did you find it useful?

useful : helpful

Mahsa: Oh yes. Actually I learned many interesting things about our scientists' lives.

actually : in fact

Roya: Like what?

در واقع

medicine : science of curing diseases

Mahsa: For example Razi¹ taught medicine to many young people while he was working in Ray Hospital. Or Nasireddin Toosi built Maragheh Observatory when he was studying the planets.

Roya: Cool! What was the name of the book?

Mahsa: Famous Iranian Scientists.

cool : great; interesting

scientist : a person who studies science or does scientific research

the same : not different

idea : opinion; thought

believe me : Be sure that it's right.

همان، یکسان

ایده، نظر، فکر



Vision 1



Melika **tries** hard to learn English.

try : make an attempt to do something

تلاش کردن



Babak is an **energetic** boy.

energetic : active; dynamic; full of energy

پرانرژی



آزمایش

experiment : a scientific test

The students do **experiments** in the school laboratory.

laboratory : a place for doing research about science

New Words and Expressions

L3 The Value of Knowledge

بزرگ شدن

Children **grow up** rapidly.

grow up : become an adult

rapidly : fast

پژوهش،
تحقیق



She is **doing research** on blood cells.

research : a kind of systematic study



He has the flu and **feels weak**.

feel : sense; know; have a sensation of

weak : not strong

feel weak : not to feel good

احساس ضعف کردن



Vision 1



No **success** is possible without hard work.

success : victory; positive result

success (n.) → **successful** (adj.)

موفقیت

موفق

New Words and Expressions

L3

The Value of Knowledge



اختراع کردن

Edison **invented** the first light bulb.

invent (v.) → **invention** (n.)

invent : make a new thing;
create something new

inventor : a person who
creates a new thing

مخترع



Vision 1

حل کردن

solve (v.) → **solution (n.)**

solve: to find an answer to a problem

We can help you solve your problems.

develop: to grow or change into a stronger, larger or better form

This book can develop your speaking skill.

توسعه دادن، بهبود بخشیدن

develop (v.) → **development (n.)**

belief: something that you believe

عقیده، باور

during
: in the
time of

Her belief in Allah gave her hope during difficult times.

New Words and Expressions

L3 The Value of Knowledge

ترک کردن، بی خیال شدن، تسلیم شدن

quit / give up : to stop doing something

Fortunately, his father is going to quit smoking. **fortunately** : luckily

He gave up his work without saying anything to us.

هزاران

thousands of : a large number of things or people

There are thousands of things I want to do.



inventor scientist quit develop experiment
belief famous solve

A. Read the descriptions and find the word.



1. a person who does research and finds facts **scientist**
2. to stop doing something **quit**
3. something that you believe **belief**
4. to grow or change into a stronger, larger or better form **develop**
5. to find an answer to a problem **solve**

Vision 1

L3 The Value of Knowledge

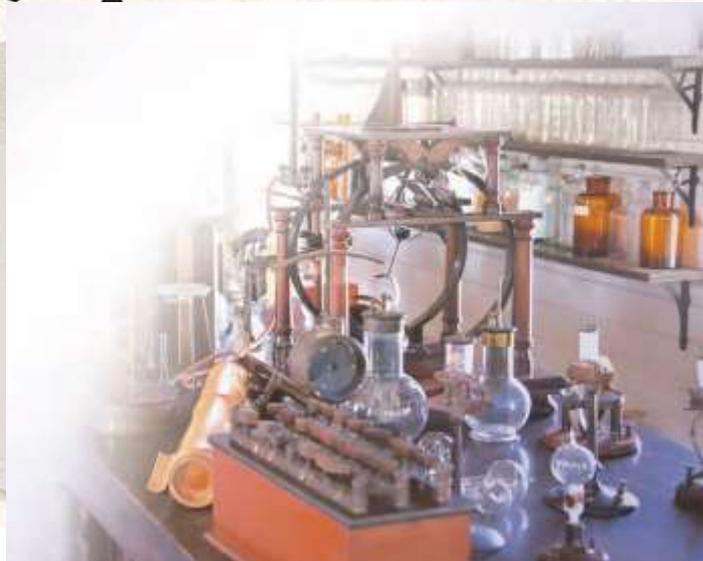
Instagram: llvllasud

نابرده رنج گنج میسر نمی شود.

No Pain No Gain !

درد، رنج

کسب کردن، به دست آوردن



Vision 1

L3 The Value of Knowledge

Reading

Instagram: llvllasud

لازم، ضروری

It is necessary to work hard to be successful.

NO PAIN
NO GAIN



pain : an unpleasant feeling caused by an illness or injury; hurting

pain (n.) (v.) → painful (adj.)

gain : get; reach



No Pain No Gain !

Vision 1

L3

The Value of Knowledge

Human **knowledge** develops with **scientists'** hard work. Many great men and women **try** hard to find facts, **solve** problems and **invent** things.

knowledge : facts, information and skill learned by education or experience

develop: to grow or change into a stronger, larger or better form

scientist : a person who studies science or does scientific research

try : make an attempt to do something

solve: to find an answer to a problem

invent : make a new thing; create something new

amazing



No Pain No Gain !

Vision 1

L3

The Value of Knowledge

life → lives

Some of these scientists did not have easy lives. But they tried hard when they were working on problems. They never felt weak when they were studying. They never gave up when they were doing research.

never ≠ always

feel weak : not to feel good

give up : to stop doing something

do research : do a systematic study about a subject

amazing



No Pain No Gain !

Vision 1

L3

The Value of Knowledge

a story like this

There are great stories about scientists and their lives. One such a story is about Thomas Edison. As a young boy, Edison was very interested in science. He was very **energetic** and always asked questions. Sadly, young Edison lost his hearing at the age of 12. He did not **attend** school and learned science by reading books in the library **himself.**

be interested in something : like to do something

science : systematic knowledge on a particular subject

energetic : active; dynamic; full of energy

attend : be present at; take part

amazing

Reading



No Pain No Gain !

Vision 1

L3

The Value of Knowledge

lose ≠ find

different ≠ the same

When he **grew up** he worked in different places, but he never lost his interest in making things. Edison was **famous** for doing **thousands of experiments** to find answers to problems. He said, "I never **quit** until I get what **I'm after**". Edison had more than 1,000 **inventions** and was very **successful** at the end of his life.

grow up : become an adult

famous : well-known

thousands of : many; a large number of

experiment : scientific test

quit : give up; stop doing something

until : up to the time that

تا زمانی که

be after something : try to get or do something

دنبال چیزی بودن

invention: something new that is made for the first time

successful ≠ unsuccessful



No Pain No Gain !

Vision 1

L3

The Value of Knowledge

the key : the most important point

Many great names had stories like this. But the key to their **success** is their hard work and **belief** in **themselves**. If you want to get what you want, work hard and never give up.

success : positive result; victory

belief : anything you believe in

give up : stop trying

amazing



Tahereh Saffarzadeh was an Iranian writer, translator and thinker. When other kids **were** still **playing** outside, she learned reading and reciting the Holy Quran at the age of 6. As a young student, she **was working** very hard to learn new things. She also **was writing** poems at that time. She published her first book while she **was** still **studying** in the university. She got interested in translating the Holy Quran when she **was studying** and **teaching** translation. She published her translation of the Holy Quran in 1380. Saffarzadeh passed away in 1387.

pass away : die

در گذشتن، از دنیا رفتن

هنوز

still : yet; up to that time

از بر خواندن، تلاوت کردن

recite : read from memory

outside ≠ inside

publish : write and print a book

منتشر کردن

Instagram: @lvllasud

Grammar

Past
Progressive



Alexander Fleming was a great researcher. He **was doing research** in his laboratory in winter 1928. He **was trying** to find a new medicine to save people's lives. He found a new medicine when he **was working** on antibiotics. This was the amazing penicillin. Many other doctors **were also working** on this medicine in those days. They helped the first patient with penicillin in 1942 when the flu **was getting around**.

great : very good; excellent

medicine : cure; drug

amazing : wonderful

patient : ill; sick

بیمار

get around : become common

شایع شدن

Instagram: llvllasud

Grammar

Past
Progressive



subject	was/were	infinitive + ing
I He She It	was	singing playing reading going writing
You We They	were	

 llvllasud


Affirmative

I He She The computer	was	working on a difficult problem	at 4. when the power went out.
We You They	were		

 llvllasud


- The scientist was doing research in his laboratory during 1370.
- Newton was sitting under a tree when an apple hit his head.

My friends were playing football when the rain began.

Past Progressive

simple past

She was watching a movie when I called her.

Past Progressive

simple past



Negative

I He She The computer	wasn't	working on a difficult problem	at 4. when the power went out.
We You They	weren't		



- Tina wasn't reading a novel when her mother came in. She was studying her English book.
- Reza was not doing an experiment when the phone rang. He was solving a math problem.

My friends weren't playing football when the rain began.

Past Progressive

simple past

She wasn't watching a movie when I called her.

Past Progressive

simple past



Interrogative

Was	I he she the computer	working on a difficult problem	at 4? when the power went out?
Were	we you they		

 llvllasud


My friends were playing football when the rain began.

Past Progressive

simple past

What were my friends doing when the rain began?

She was watching a movie when I called her.

Past Progressive

simple past

What was she doing when I called her?

WH Questions?

Past Progressive

Vision 1

گذشته‌ی استمراری



+

S + was/were + V-ing
She was cooking all morning.

-

S + was/were + not + V-ing
She was not sleeping when he came home.

?

Was/were + S + V-ing?
Was she sleeping when he came home?



See Also

Self Pronouns

Reflexive Pronouns

ضمایر شخصی یا انعکاسی



Pronouns	Subject Pronouns	Object Pronouns	Possessive Adjectives	Possessive Pronouns	Reflexive Pronouns
1st person	I	Me	My	Mine	Myself
2nd person	You	You	Your	Yours	Yourself
3rd person (male)	He	Him	His	His	Himself
3rd person (female)	She	Her	Her	Hers	Herself
3rd thing	It	It	Its	Its	Itself
1st person (plural)	We	Us	Our	Ours	Ourselves
2nd person (plural)	You	You	Your	Yours	Yourselves
3rd person & thing (plural)	They	Them	Their	Theirs	Themselves

I	myself
you	yourself
he	himself
she	herself
it	itself
we	ourselves
you (plural)	yourselves
they	themselves

A. We use a reflexive pronoun when the subject and object are the same person:

- He hurt himself when he fell off his skateboard.
- She usually talks to herself in front of the mirror.
- David read quietly to himself.
- We can trust in ourselves.



I	myself
you	yourself
he	himself
she	herself
it	itself
we	ourselves
you (plural)	yourselves
they	themselves

B. We also use it to emphasize a subject or an object:

تأکید کردن

I	did the experiment	myself.
You		yourself.
Zahra		herself.
Amir		himself.
The computer		itself.
Maryam and I		ourselves.
You and your friends		yourselves.
The scientists		themselves.

- Alexander Graham Bell invented the telephone himself.
- Marie Curie found uranium herself.



I	myself
you	yourself
he	himself
she	herself
it	itself
we	ourselves
you (plural)	yourselves
they	themselves

B. We also use it to emphasize a subject or an object:

Examples:

- John bakes all the bread **himself**.
- (In this example, the intensive pronoun *himself* refers back to the noun *John*.)
- The cat opened the door **itself**

