

Unit 9 - Text 1: Henry Ford

Collocations: Study these phrases and learn them by heart

§A

to poke around = ψαχουλεύω

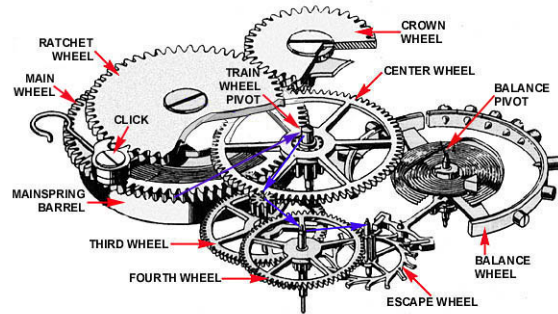
open up the back of a watch:

- wheels = τροχοί
- springs = ελατήρια
- gears = γρανάζια
- ratchets = αναστολείς

a marvelous balance = μια υπέροχη ισορροπία

the miracle of motion = το θαύμα της κίνησης

the spinning of the Earth = η περιστροφή της γης



§B

the world is awash in appliances = ο κόσμος είναι πλημμυρισμένος σε συσκευές

innumerable appliances = αμέτρητες συσκευές

the clocks **blink away** the minutes = τα ρολόγια μετρούν το χρόνο σαν το ανοιγόκλεισμα των ματιών

he gave the execution order:

- *without blinking an eye*

= χωρίς δισταγμό

- *in the blink of an eye*

= ακαριαία

unrewarding experience = εμπειρία που δε σε ανταμοίβει

an opaque plastic box = ένα αδιάφανο πλαστικό κουτί

flimsy plastic gears = εύθραυστα πλαστικά γρανάζια

a **sliver** of crystal = ένα θραύσμα κρυστάλλου

a **shard** of glass = ένα θραύσμα γυαλιού

to oscillate = ταλαντεύεται

an oscilloscope = ταλαντωτής

to tinker with wheels and gears = το να μαστορεύεις τροχούς και γρνάγια

an assembly line = γραμμή παραγωγής

to assemble = συναρμολογώ

to disassemble = αποσυναρμολογώ



Summary and Oral Presentation

WRITE a summary (~80 words) of the text and prepare an oral presentation following questions below.

Use as many of the collocations as possible!

- a. What proved **Henry Ford's** inquisitive nature?
- b. How are modern devices different to the old ones?



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Unit 9 - Text 2: Thomas Edison

Collocations: Study these phrases and learn them by heart

§A

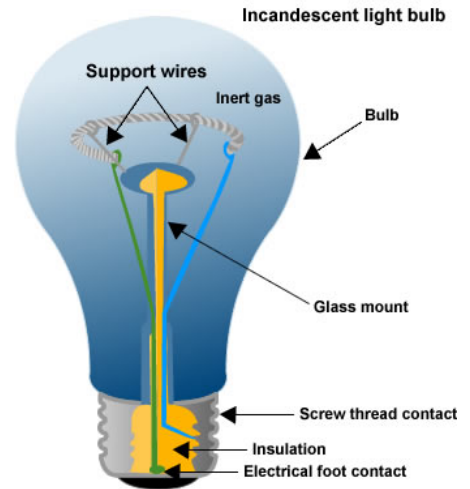
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|--------------------------|------------------------------------|
| a productive inventor | = παραγωγικός εφευρέτης |
| a long laborious trouble | = ένα μακροχρόνιος επίπονος μπελάς |
| a commercial apparatus | = μια διαφημιστική συσκευή |
| to fight off pirates | = αποκρούω τους πειρατές |

§B

| | |
|---|--|
| an incandescent light bulb | = γλόμπος πυρακτώ |
| an emblematic invention | = εμβληματική εφεύρεση |
| an inventor with piercing vision | = ένας εφευρέτης με διεισδυτική όραση |
| to apply for a patent | = αιτούμαι μια κατοχύρωση της ιδέας |
| to translate an invention into a viable product | = μετατρέπω μια εφεύρεση σε ένα βιώσιμο (κερδοφόρο) προϊόν |
| a product on the market | = ένα προϊόν στην αγορά |
| an as-yet nonexistent industry | = μια έως τότε μη υπάρχουσα αγορά |
| to design sth down to its very last detail | = σχεδιάζω με κάθε λεπτομέρεια |
| to convert steam power into electricity | = μετατρέπω ατμό σε ηλεκτρισμό |
| a commercially efficient invention | = μία εφεύρεση εμπορικά αποτελεσματική |
| right down to a plethora of: | = σε μια πληθώρα από |
| - switches | = διακόπτες |
| - sockets | = πρίζες |
| - plugs | = φις |
| - distributing boards | = ηλεκτρολογικούς πίνακες |
| - fuses | = ασφάλειες |
| - meters | = μετρητές |
| - lamp holders | = ντουί |

§C

| | |
|--------------------------------------|---|
| a classic innovator | = κλασικός εφευρέτης |
| an inventive spirit | = ευρηματικό πνεύμα |
| an inquisitive mind | = φιλέρουνος νους |
| a brilliant conception | = εξαιρετική σύλληψη |
| to have a crew at your beck and call | = το να έχεις μια ομάδα στις διαταγές σου |
| to keep up with the pace | = δεν μένεις πίσω / κρατάς το ρυθμό |
| a dizzying pace | = ασύλληπτος ρυθμός / σε ζαλίζει |
| a profusion of techniques | = πληθώρα τεχνικών |
| to finance a research | = χρηματοδοτώ την έρευνα |
| a multidisciplinary research | = μια διεπιστημονική έρευνα |





Summary and Oral Presentation

WRITE a summary (~80 words) of the text and prepare an oral presentation following questions below.

Use as many of the collocations as possible!

a. What was the main similarity and the main difference between Leonardo da Vinci and **Thomas Edison**?



b. What made Thomas Edison a unique inventor except his prolific ideas?

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Vocabulary Extension (pages 110, 111)

- | | |
|----------------------|---|
| 1. antiquated | = απαρχαιωμένο |
| 2. antique | = αντικά |
| 3. obsolete | = ξεπερασμένο |
| 4. outmoded | = ξεπερασμένο |
| | |
| 5. innovative | = καινοτόμο |
| 6. newfangled | = νεωτεριστικό |
| 7. pioneering | = πρωτοπόρο |
| 8. state-of-the-art | = τελευταία λέξη της τεχνολογίας |
| | |
| 1. chronic | = χρόνιο |
| 2. chronological | = χρονολογικό |
| 3. synchronized | = συγχρονισμένο |
| 4. anachronistic | = αναχρονιστικό |
| | |
| 1. tempo | = ρυθμός |
| 2. temporal | = παροδικό |
| 3. temporary | = προσωρινό |
| 4. contemporary | = σύγχρονο |
| 5. extemporaneous | = πρόχειρο, γρήγορο στο πόδι |
| | |
| 1. at times | = μερικές φορές |
| 2. (one) at a time | = (ένα) τη φορά |
| 3. at one time | = μία φορά |
| 4. at the same time | = την ίδια ώρα |
| | |
| 1. ahead of time | = πολύ νωρίς |
| 2. behind time | = αργοπορημένα |
| | |
| 3. ahead of his time | = μπροστά από την εποχή του |
| 4. behind the times | = ξεπερασμένος / έχει μείνει πίσω από την εποχή του |
| | |
| 1. in time | = αρκετά νωρίτερα από την καθορισμένη ώρα |
| 2. on time | = ακριβώς πάνω στην καθορισμένη ώρα |
| | |
| 3. in his own time | = (takes his time) με το πάσο του |
| 4. on his own time | = στον ελεύθερο χρόνο του |



Video Speaking (blog No 23)

YT: Million Dollar Genius: What Makes An Invention Great? | History

Source: <https://www.youtube.com/watch?v=jNyD8eAHFNw>

WATCH the documentary and use the target vocabulary below to summarize the tips for a winning invention

What can make an invention great?

1.
2. a lot of
3. innovation,, fundamentalmodel
4. and usefulness
5. you must have a before a product
6. many people invent a great product that is and there is no a need
7. something that makes a person's life a little easier on a basis
8. marketing an item that's of the market
9. in order to have a invention you should ask yourself: "Does it solve a problem?"
- 10 a big problem is a problem to of people
- 11 otherwise it is a problem that directs to amarket
12. a invention is one that people think: 'hey, why didn't I think of it?'



Composition and Oral Presentation

Opinion Essay

Since the dawn of time, some inventions have come and gone while others have caught on and remained popular, sometimes even making a radical difference in the way we live.

What qualities do you think an invention must have for it to be successful?

Support your ideas with reasons and examples.

WRITE your essay in 300-350 words.



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