

## YÖKDİL FEN – EN Önemli 50 Kelime ve İngilizce Cümleler Part 2

- Radiation – Radyasyon
- Absorb – Emmek
- Release – Salmak, yaymak
- Expand – Genişlemek
- Contract – Büzülmek
- Friction – Sürtünme
- Resistance – Direnç
- Insulation – Yalıtım
- Conduction – Isı iletimi
- Reflection – Yansıma
- Refraction – Kırılma
- Spectrum – Spektrum
- Magnet – Mıknatıs
- Polarity – Kutupluluk
- Voltage – Voltaj
- Transformer – Dönüştürücü
- Generator – Jeneratör
- Turbine – Türbin
- Fuel – Yakıt
- Combustion – Yanma
- Emission – Emisyon, salınım
- Pollution – Kirlilik
- Greenhouse effect – Sera etkisi
- Climate – İklim
- Atmosphere – Atmosfer
- Layer – Katman
- Altitude – Yükseklik
- Gravity – Yerçekimi
- Orbit – Yörünge
- Satellite – Uydu
- Galaxy – Galaksi
- Universe – Evren
- Telescope – Teleskop
- Observe – Gözlemlemek
- Predict – Tahmin etmek
- Calculation – Hesaplama
- Equation – Denklem
- Formula – Formül
- Theorem – Teorem
- Principle – İlke
- Innovation – Yenilik
- Invention – İcat
- Discovery – Keşif
- Experimentation – Deneysel çalışma
- Replication – Tekrarlama
- Accuracy – Doğruluk
- Precision – Hassasiyet
- Measurement – Ölçüm
- Calibration – Kalibrasyon
- Parameter – Parametre



## ÖRNEK CÜMLELER

- **Expand**

Metals expand when heated.

The company plans to expand its research team.

- **Insulation**

Good insulation keeps houses warm in winter.

The wires are covered with plastic for insulation.

- **Conduction**

Metal is a good conductor of heat.

Heat conduction occurs faster in solids.

- **Polarity**

Water molecules have polarity.

The magnet has north and south polarity.

- **Generator**

The generator provides power during blackouts.

They used a generator at the construction site.

- **Pollution**

Air pollution is a serious problem in big cities.

Water pollution affects marine life.

- **Layer**

The ozone layer absorbs UV rays.

There's a thick layer of dust on the surface.

- **Altitude**

At high altitudes, breathing becomes harder.

The plane reached an altitude of 10,000 meters.

- **Universe**

The universe is constantly expanding.

Scientists study the origin of the universe.

- **Telescope**

He observed the stars using a telescope.

The telescope magnifies distant objects in space.

- **Calculation**

She checked the calculation twice.

Accurate calculation is important in experiments.



## English

## Hakan Teacher

- **Innovation**

Innovation drives scientific progress.  
The new invention was a great innovation.

- **Invention**

The telephone was a great invention.  
He received a patent for his invention.

- **Discovery**

The discovery of penicillin changed medicine.  
Her discovery was based on years of research.

- **Experimentation**

Experimentation is key in scientific research.  
The lab encourages free experimentation.

- **Replication**

Replication confirms the results of a study.  
Scientific results must allow replication.

- **Accuracy**

Accuracy is important in measurements.  
The tool improves the accuracy of data.

- **Precision**

The machine cuts with high precision.  
Scientific instruments require great precision.

- **Measurement**

Accurate measurement is essential in physics.  
We recorded the measurement of temperature.

- **Calibration**

The scale needs calibration before use.  
Regular calibration ensures accurate readings.

- **Parameter**

We changed one parameter in the experiment.  
Temperature is a key parameter in this study.





## 1. Eşleştirme Etkinliği

- |               |             |
|---------------|-------------|
| 1. Friction   | A. direnç   |
| 2. Turbine    | B. sürtünme |
| 3. Resistance | C. türbin   |
| 4. Voltage    | D. voltaj   |
| 5. Emission   | E. salınım  |

## 2. Doğru / Yanlış Etkinliği

1. Friction helps reduce heat between two surfaces. (\_\_\_)
2. A generator is used to cool down laboratory samples. (\_\_\_)
3. Voltage is a measure of electrical potential. (\_\_\_)
4. A telescope is used to observe distant stars and planets. (\_\_\_)
5. The greenhouse effect reduces Earth's temperature. (\_\_\_)

## 3. Cümle Tamamlama Etkinliği

(Kelime Kutusu: orbit – telescope – calculation – climate – pollution)

1. The scientist used a powerful \_\_\_\_\_ to study the moon.
2. Accurate \_\_\_\_\_ is essential in physics experiments.
3. Factories contribute to air \_\_\_\_\_ in big cities.
4. The satellite was placed into \_\_\_\_\_ around the Earth.
5. Global warming is caused by changes in the \_\_\_\_\_.



## CEVAP ANAHTARI

## 1. Eşleştirme Etkinliği – Cevap Anahtarı

1. Friction – **B**
2. Turbine – **C**
3. Resistance – **A**
4. Voltage – **D**
5. Emission – **E**

## 2. Doğru / Yanlış – Cevap Anahtarı

1. Friction helps reduce heat between two surfaces. – **False**  
(Doğrusu: Friction *causes* heat, it doesn't reduce it.)
2. A generator is used to cool down laboratory samples. – **False**  
(Generator produces electricity, not for cooling.)
3. Voltage is a measure of electrical potential. – **True**
4. A telescope is used to observe distant stars and planets. – **True**
5. The greenhouse effect reduces Earth's temperature. – **False**  
(Doğrusu: It increases the Earth's temperature.)

## 3. Cümle Tamamlama – Cevap Anahtarı

1. The scientist used a powerful **telescope** to study the moon.
2. Accurate **calculation** is essential in physics experiments.
3. Factories contribute to air **pollution** in big cities.
4. The satellite was placed into **orbit** around the Earth.
5. Global warming is caused by changes in the **climate**

