

# **Science in Classics**

## **Exercises on Grammar**

### **Series 06**

# Notation

- Errors are blue.
- Correct versions are green.
- Comments are black.
- Highlights are red.

# Error

- In the last year, I have learned a lot of knowledge.

# Error

- In the last year, I have learned a lot of knowledge.

not idiomatic

# Comment

## Idiomatic

- I learned a lot of physics.
- I learned a lot of grammar.
- I learned a lot.

# Correction

- In the last year, I have learned a lot.

# Error

- For a coil of  $N$  turns, the Faraday's law can be expressed as eqn. (4).

# Error

- For a coil of  $N$  turns, the Faraday's law can be expressed as eqn. (4).

Faraday's law



# Correction

- For a coil of  $N$  turns, Faraday's law can be expressed as eqn. (4).

# Errors

- Linear momentum is defined as mass of an object times velocity.

# Error 1

- Linear momentum is defined as  $\Delta$  mass of an object times velocity.  
a specific mass, missing the

# Correction 1

- Linear momentum is defined as the mass of an object times velocity.

## Error 2

- Linear momentum is defined as the mass of an object times velocity.

what velocity?

its velocity

## Correction 2

- Linear momentum is defined as the mass of an object times its velocity.

# Corrections

- Linear momentum is defined as the mass of an object times its velocity.

# Errors

- If an object subject to an circular motion, there will have angular momentum.



# Error 1

- If an object **subject** to an circular motion, there will have angular momentum.

grammatically, should be **is subject**

# Correction 1

- If an object is subject to an circular motion, there will have angular momentum.

## Error 2

- If an object is subject to an circular motion, there will have angular momentum.

still does not make sense; subject to a force, but never subject to a motion

## Correction 2

- If an object undergoes an circular motion, there will have angular momentum.

## Error 3

- If an object undergoes **an** circular motion, there will have angular momentum.

usually --- **a** circular motion

here, refer to motion in abstract (uncountable), so no a/an

## Correction 3

- If an object undergoes  $\Delta$  circular motion, there will have angular momentum.

## Error 4

- If an object undergoes  $\Delta$  circular motion, there will have angular momentum.

there will be

it will have

## Correction 4

- If an object undergoes  $\Delta$  circular motion, it will have angular momentum.



## Error 5

- If an object undergoes  $\Delta$  circular motion, it will have ?? angular momentum.

more idiomatic to add some

## Correction 5

- If an object undergoes  $\Delta$  circular motion, it will have **some** angular momentum.

# Corrections

- If an object undergoes  $\Delta$  circular motion, it will have some angular momentum.

# Error

- The tennis racket is made by wood.

# Error

- The tennis racket is made **by** wood.

wrong preposition

made **of** wood

made **by** the manufacturer

# Correction

- The tennis racket is made of wood.

# Errors

- Everyone who plays tennis oftenly will know it is unhappy when you hitting the ball with a bad designed racket.

# Error 1

- Everyone who plays tennis **oftenly** will know it is unhappy when you hitting the ball with a bad designed racket.

often



# Correction 1

- Everyone who plays tennis often will know it is unhappy when you hitting the ball with a bad designed racket.

## Error 2

- Everyone who plays tennis often will know it is unhappy when you **hitting** the ball with a bad designed racket.

when you **hit**

## Correction 2

- Everyone who plays tennis often will know it is unhappy when you **hit** the ball with a bad designed racket.

## Error 3

- Everyone who plays tennis often will know it is unhappy when you hit the ball with a **bad** designed racket.

**bad** is not an adverb

**badly** designed, **poorly** designed

## Correction 3

- Everyone who plays tennis often will know it is unhappy when you hit the ball with a poorly designed racket.

## Error 4

- Everyone who plays tennis often will know **it is unhappy** when you hit the ball with a poorly designed racket.

poor choice of words

## Correction 4

- Everyone who plays tennis often will know the hand hurts when you hit the ball with a poorly designed racket.

# Corrections

- Everyone who plays tennis often will know the hand hurts when you hit the ball with a poorly designed racket.



# Errors

- NASA is an organization to investigate about science in the US.

# Error 1

- NASA is an organization (A) to investigate (B) about science (C) in the US.

A. organization in the US --- yes

B. investigate in the US --- no

C. science in the US --- no

# Correction 1

- NASA is an organization in the US to investigate about science.

bring it closer

## Error 2

- NASA is an organization in the US  
to investigate about science.

not idiomatic

## Correction 2

- NASA is a research organization in the US.

# Corrections

- NASA is a research organization in the US.

# Errors

- Many scientists gathers there doing research.

# Error 1

- Many scientists gathers there doing research.

subject-verb disagreement



# Correction 1

- Many scientists gather there doing research.

## Error 2

- Many scientists gather there doing research.

“gather” implies a purpose  
to do is better than doing

## Correction 2

- Many scientists gather there to do research.

# Corrections

- Many scientists gather there to do research.

# Error

- Recently there have been two scientific discovery from NASA.

# Error

- Recently there have been two scientific discovery from NASA.  
discoveries

# Correction

- Recently there have been two scientific discoveries from NASA.