

Lesson Plans | PPTs | Worksheets | Google Forms

FORCE & MOTION

✓ Comprehensive STEAM Printable
EDITABLE Lesson Plans in .DOC

✓ **Editable PPTs** & copy in **PDF**

✓ MCQs & Short Responses

Formatted **Work Sheets (Editable)**

✓ MCQs (**Auto Check**) & Short Responses

Digital **Google Forms (Google Classroom Ready)**



 **FULLY EDITABLE** |  **NO PREP** | **GRADES 2-8**



© Useful Resources For Everyone

Comprehensive & Interactive Lesson Plans for force and motion

Force and Motion: Comprehensive Lesson Plans

Week 1: Introduction to Force and Types of Forces

Lesson 1: What is Force?

Date: Monday, January 5, 2026

Week: 1

Learning Objectives:

- Define force as a push or pull on an object
- Identify examples of forces in everyday life
- Understand that forces can change an object's motion or shape
- Learn that forces are measured in Newtons

Teaching Methodology/Strategy:

- Interactive lecture
- Demonstration
- Group discussion

Lesson Planner & Detailed Plan:

1. Introduction (5 minutes)
 - Ask students to push their desks slightly
 - Discuss what they just did (applied a force)
2. Main Lesson (20 minutes)
 - Define force
 - Explain how forces can change motion or shape
 - Introduce the unit of force (Newton)
 - Show examples of forces in everyday life
3. Activity (10 minutes)
 - "Force Scavenger Hunt": Students list forces they use or observe in the classroom

4. Conclusion (5 minutes)

- Recap key points
- Preview next lesson on types of forces

Class Work:

- Class Work: Force Scavenger Hunt worksheet

Home Work:

- Homework: Write a short paragraph about three forces you use at home

Tips & Strategies for teachers:

- Use simple, relatable examples
- Encourage students to share their own experiences with forces

Exam preparation guidance:

- Focus on the definition of force and its effects on objects

****Unlock force and motion Mastery!**** These meticulously crafted lesson plans by experienced USA/UK educators offer ready-to-teach resources. Maximize student success with comprehensive objectives, engaging activities, classwork, homework, and assessment ideas. ****Save time, inspire learning, boost results!****

No Prep & Interactive Google Slides/PowerPoint:
Ready-to-Teach Visuals to teach

force and motion

NO-PREP
PRESENTATION:
CAPTIVATE
STUDENTS &
CLARIFY CONCEPTS!

EDITABLE PPT & PDF
WITH RELEVANT HD
IMAGES



What is Force?

- Force is a push or pull on an object
- Forces can change an object's motion or shape
- Forces are measured in units called Newtons
- Can you think of examples of forces you use every day?



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Types of Forces

- Contact forces: push, pull, friction, air resistance
- Non-contact forces: gravity, magnetism, electrostatic force
- Which type of force helps you stay in your chair right now?



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Newton's First Law of Motion

- An object at rest stays at rest unless acted on by a force
- An object in motion stays in motion unless acted on by a force
- This is also called the law of inertia
- Can you explain why seat belts are important using this law?



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Self-Grading Quizzes & Assessments

- 01- Copy from the given link
- 02- Student attempts
- 03- Results saved
- 04- Insights
- 05- Review

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Copy of Types of Sentences (Responses)

Timestamp	Score	Important Quiz
23/06/2025 21:37:09	9 / 20	Yes, I have read

1. Which type of sentence states a fact or opinion?

☐ Interrogative

☐ Imperative

☐ Declarative

☐ Exclamatory

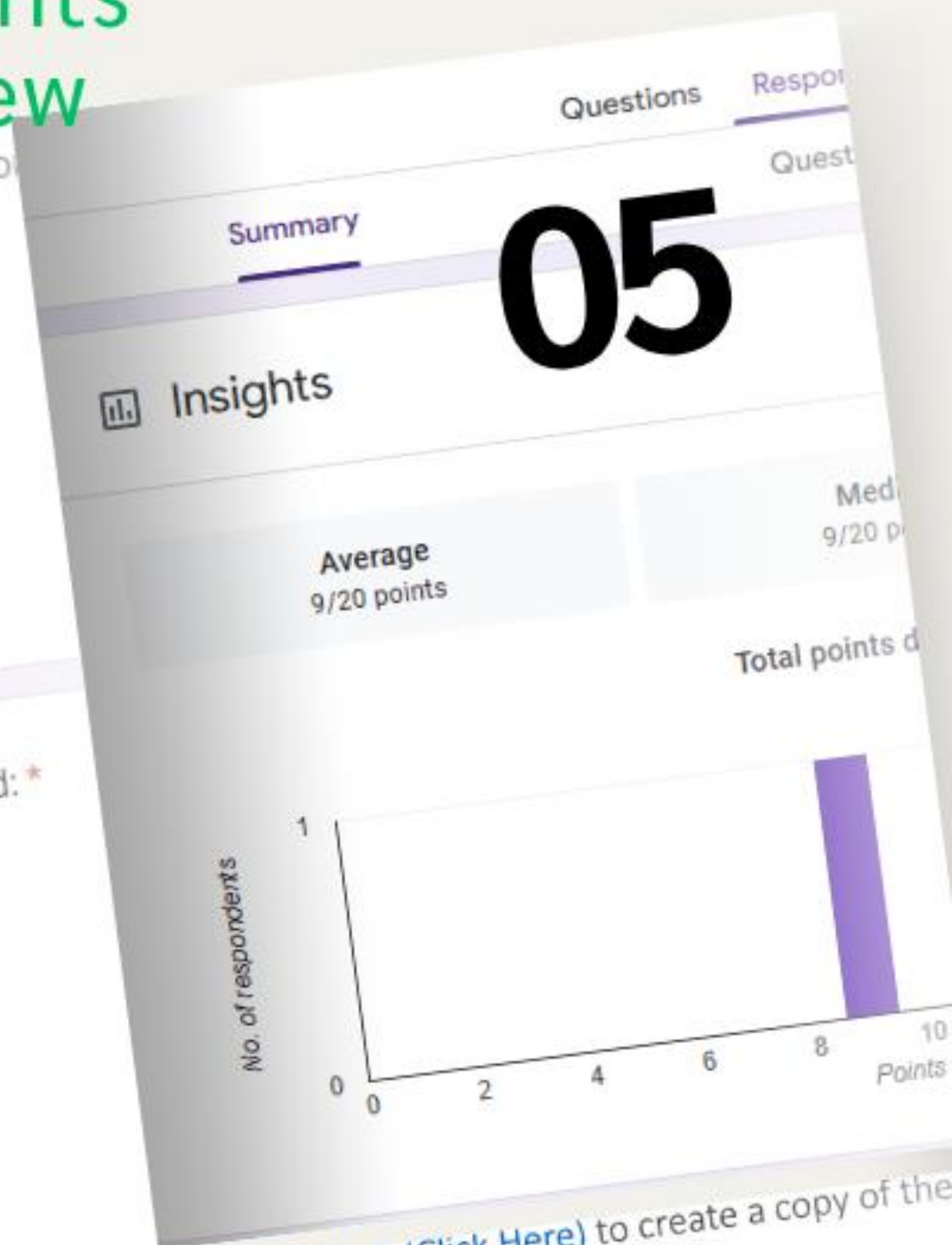
2. A sentence that asks a question is called: *

☐ Declarative

☒ Interrogative

☐ Imperative

☐ Exclamatory



Questions Responses

Frequently missed questions

Question

3. Which punctuation mark typically ends an imperative sentence?

4. "What a beautiful day!" is an example of which sentence type?

5. Which sentence type often begins with a verb?

Use [This Link \(Click Here\)](#) to create a copy of the Online MCQs Quiz

Use [This Link \(Click Here\)](#) to create a copy of the Online Structured Questions Quiz

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Step by Step Video Guide for MCQs: <https://youtu.be/NHxS3gWujXk>

Step by Step Video Guide for Short Question: <https://youtu.be/qVxiMINOU>

Step 1: Copy The Link

Click the above link to copy the Google Form to your Google Drive.

Step 2: Edit or Upgrade as per your needs:

Want to modify questions? Just edit the form directly:

- Click any question to edit text or point values (Marks)
- Click the "+" button to add new sections

SAMPLE QUESTION TYPES SHOWN; ACTUAL QUESTIONS WILL MATCH THE RESOURCE TOPIC.

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NOW**

ANSWER KEY

Question	Correct Answer
1	C
2	B
3	D
4	D
5	C
6	B
7	C
8	C
9	C
10	D
11	D
12	C
13	B

3. Which punctuation mark typically ends an sentence?

- a) Question mark
- b) Exclamation point
- c) Period
- d) Both b and c are possible

4. "What a beautiful day!" is an example of which sentence type?

- a) Declarative
- b) Interrogative
- c) Imperative
- d) Exclamatory

5. Which sentence type often begins with a verb?

- a) Declarative

TYPES OF SENTENCES

Roll No: _____ Name: _____

Class: _____ Section: _____

Date: _____ Subject: _____

School: _____

1. Which type of sentence states a fact or opinion?

- a) Interrogative
- b) Imperative
- c) Declarative
- d) Exclamatory

2. A sentence that asks a question is called:

- a) Declarative
- b) Interrogative
- c) Imperative

SAMPLE QUESTION TYPES SHOWN; ACTUAL QUESTIONS WILL MATCH THE RESOURCE TOPIC.

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Type of Sentences Short Response Questions

Roll No: _____ Name: _____

Class: _____ Section: _____

Date: _____ Subject: _____

School: _____

Instructions: Answer all questions in complete sentences. Write clearly and concisely. Each response should be 3-5 sentences. Use the provided lines for your answers.

Q1: Define a declarative sentence and provide an example.

Answer Key

Sample Answer to Question 1

A declarative sentence states a fact or opinion and ends with a period.
Example: "The sky is blue."

Sample Answer to Question 2

To turn a declarative sentence into an interrogative sentence, add a question word or auxiliary verb and end with a question mark.
Example: "The sky is blue." becomes "Is the sky blue?"

Sample Answer to Question 3

The main purpose of an exclamatory sentence is to express strong emotion or excitement.

Sample Answer to Question 4

Common question words: Who, What, Where (also How, When, Why)

Sample Answer to Question 5

A period at the end of an imperative sentence gives it a command, while an exclamation point adds urgency or emphasis.

What is the main purpose of an exclamatory sentence?

List three common question words used in interrogative sentences.

SAMPLE QUESTION TYPES SHOWN; ACTUAL QUESTIONS WILL MATCH THE RESOURCE TOPIC.

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