

General Task Description – Creative Tangible Product

Title: *Make and Present a Tangible Creation Based on What You Learned*

Description:

In this task, you will **create a physical or visual product** that connects to a topic you have studied in class. You can choose from different formats such as:

- a **LEGO model** of a historical or scientific scene,
- a **handmade poster** illustrating a concept or problem,
- a **tutorial video** explaining a process,
- a **short TikTok-style educational clip**,
- a **working model** (e.g., a pulley system, volcano model, or map),
- or any other **handcrafted or visually creative object**.

Your final product should clearly show your understanding of the topic. You will also be asked to **present it to the class** and **briefly explain how it connects to what you learned**.

1. History – Build a Historical Scene with LEGO

Task:

Build a **scene from the Siege of Buda in 1686** using LEGO or any other type of building blocks (cardboard is also fine if you don't have LEGO).

Your model should include at least 3 characters (e.g., a Turkish soldier, a Christian commander, a siege cannon).

Take a photo of your creation and write a short historical description (5 sentences).

2. Biology – Educational TikTok about a Cell Organelle

Task:

Create a **maximum 60-second TikTok video** explaining the **function of the mitochondrion**.

You can appear in the video or make a stop-motion animation with drawn elements.

Use at least three scientific terms (e.g., ATP, energy, cellular respiration).

End the video with a catchy slogan like “Mitochondria = the powerhouse of the cell!”

3. Physics – Working Model or Demonstration Video

Task:

Build a simple **lever or pulley system using household items** (e.g., string, straw, spool, small box).

Create a video demonstrating how it works and answering the question:

“Why is it easier to lift an object using a lever or pulley?”
Use at least two physics-related terms in your explanation.

4. Visual Arts – Poster Creation

Task:

Create a **hand-drawn A3 poster** that presents an environmental problem (e.g., plastic pollution).

Include colorful drawings and one powerful sentence (“One bottle – 500 years for the Earth!”).

Your poster should contain a key message, an illustrated scene, and a proposed solution.

5. Digital Literacy – Create a Tutorial Video

Task:

Record a **screen-capture tutorial video** showing step by step:
how to create a QR code for a link.

The video should be no longer than 2 minutes and include:

- the link to the QR code generator,
- your screen as you demonstrate the steps,
- either narration or subtitles,
- and one example (e.g., a QR code pointing to a YouTube video).

Task Title: Create Memory Cards from Learned Terms

Task:

Create at least **15 memory cards** (size: A6 – half of an A5 sheet or a quarter of an A4).

Write them by hand. On **one side**, write a key term or concept; on the **other side**, write the correct definition or explanation.

Make the cards **colorful**, and include **at least 3 cards with a drawing or visual symbol** to support memory.

■ Example – Biology (Grade 8)

Topic: **Human body systems**

Examples:

- Front: “Red blood cell”
 - Back: “The blood cell responsible for carrying oxygen. No nucleus, lifespan approx. 120 days.”
 - Front: “Kidney”
 - Back: “Filters the blood, removes waste, produces urine.”
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Example – History (Grade 7)

Topic: **Medieval Hungarian Kingdom**

Key terms: fief, county head (ispán), Golden Bull, county system, tithe, banner army.

Cards can include mini symbols or maps, e.g., a sketch map on the “county system” card.

Example – Science / Environmental Studies (Grade 6)

Topic: **Types of energy and transformations**

Terms: thermal energy, kinetic energy, electric energy, renewable energy source, etc.

Use simple, accurate definitions and colorful visuals.

General Task (adaptable to any subject)

Task Title: *Roundtable Discussion – Prepare with Arguments, Concepts, and Questions!*

Task:

In our upcoming class, we will hold a **roundtable discussion** on the following topic:

"How far can humanity advance technologically, and what are the limits?"

To prepare, submit a 1-page preparation sheet including:

- **3 personal statements or opinions** related to the topic
 - **3 key terms or subject-specific concepts** (e.g., artificial intelligence, ethics, inequality)
 - **2 thoughtful questions** to ask your classmates during the discussion
 - **1 counterargument** that you prepare for in advance with a possible response
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Subject-Based Examples

History

Topic: *"Was colonization ultimately beneficial or harmful to the world?"*

- Statements: Led to economic growth vs. caused exploitation
 - Key terms: colonialism, monopoly, imperial system
 - Question: “What would the world look like without colonization?”
-

Ethics / Social Studies

Topic: *"Should community service be mandatory for all students?"*

- Statements: Builds empathy, but not everyone is suited for it
 - Key terms: solidarity, volunteerism, civic responsibility
 - Question: “Should students be rewarded for volunteering?”
-

Biology

Topic: *"Should gene editing be allowed to prevent diseases?"*

- Statement: Yes, if it helps cure genetic disorders
 - Key terms: CRISPR, inheritance, ethical dilemma
 - Question: “Where is the line between treatment and manipulation?”
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Digital Literacy / Media Studies

Topic: *"Is TikTok harmful or helpful for teenagers' development?"*

- Argument: Depends on content type; some content is educational
- Key terms: attention economy, algorithm, digital identity
- Counterargument: “Not all content is harmful – some inspires creativity.”

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Biology – The Human Body / Illness and Health

Topic: The Immune System

Task: Write about a time when you were sick and how your body reacted.

Title: *Create a Cartoon Strip Featuring a Conversation Between Two Opposing or Interacting Concepts*

Task Description:

Create a **cartoon-style drawing** (hand-drawn) where **two things that are different but related** are having a **conversation** with each other.

For example:

- an **antibiotic** and a **bacterium**
- a **volcano** and a **village**
- the **Sun** and the **Earth**
- a **carbon atom** and an **oxygen atom**
- or **Artificial Intelligence** and a **teacher**

The dialogue should show:

- what they are,
- how they interact or affect each other,
- and their "opinion" about this relationship (written with humor, irony, or accuracy).

Requirements:

- Minimum **4 dialogue bubbles** (2 per character)
- Must show clear contrast or interaction
- Include **titles or labels** so we know who is who
- Optional: Use an AI tool to co-create or enhance the visual