



Creative Projects

TRANSPORTATION AND LOGISTICS



Project 1: Supply Chain Analysis

In this project, you will explore the transportation and logistics industry by analyzing supply chains and delivery systems. You will examine how goods move from manufacturers to consumers through transportation networks, warehouses, and distribution centers. Using your research, you will identify trends and evaluate what makes logistics systems efficient and effective.

Step 1: Study Supply Chain Systems (4–5 hours)

Study **5–8 transportation or logistics systems** (shipping companies, delivery services, warehouse operations, airline cargo systems, etc.)

Record the following for each:

- Company or system name
- Type of transportation used
- Delivery or distribution process
- Technology or tracking systems used
- Efficiency and safety practices

Step 2: Organize Your Data

- Create a comparison chart or table (Excel or Google Sheets)
- Clearly display all systems and their details
- Group or sort in a meaningful way (by transportation method, delivery speed, or service type)

Step 3: Analyze Efficiency Trends

Identify patterns such as:

- Use of automation and tracking technology
- Strategies for reducing delivery times
- Warehouse and inventory management practices
- Sustainability and fuel efficiency efforts

Answer:

- What trends do you notice in transportation and logistics?
- What makes a supply chain system efficient?
- What challenges do logistics companies face?

Step 4: Make Recommendations

Based on your findings, answer:

- What should transportation and logistics companies focus on to improve efficiency and customer service?

Provide 2–3 specific, realistic suggestions and explain them.

Examples might include:

- Improving route planning
- Expanding real-time tracking systems
- Reducing environmental impact through sustainable practices

Final Deliverables (2 Completed Projects) ★

1) Comparison Chart (Required)

A clear chart or table showing your 5–8 logistics systems and their details

2) Summary of Findings (Required)

Choose one format:

- 1–2 page written summary OR
- 10–12 slide presentation

Your analysis must include:

- Overview of systems studied
- Key transportation and logistics trends
- Explanation of efficient supply chain practices
- Your recommendations for improvement



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Project 2: Logistics Plan

In this project, you will take on the role of a logistics coordinator by designing a transportation or delivery system. You will create a plan that improves how goods or materials move through a supply chain.

Step 1: Choose a Delivery Scenario

Select a realistic logistics situation.

Examples:

- Delivering products to stores
- Shipping online orders
- Transporting medical supplies
- Managing food distribution

Step 2: Analyze Transportation Needs

Determine:

- Starting and ending locations
- Transportation methods needed
- Possible delays or challenges

Step 3: Create a Logistics Plan

Develop a plan that includes:

- Delivery or transportation process
- Scheduling and routing strategies
- Equipment or technology needed
- Safety and efficiency considerations

Step 4: Design a Flow Diagram

Create a visual diagram that shows:

- Movement of products or materials
- Transportation steps
- Key decision points or checkpoints

Final Deliverables (2 Completed Projects) ★

1) Plan (Required)

A written logistics or transportation plan

2) Flow Diagram (Required)

A visual representation of the supply chain or delivery process

3) Extension Activities (Optional)

- Use mapping software to plan routes
- Research global supply chain issues
- Present logistics plans as a professional proposal