Student Worksheet

STEM Project: Digital Store Prototype for MSMEs

Student Name: _____
Class: _____
Date: _____

🔍 Project Overview

In this project, you will build a **simple online store prototype** to promote a local MSME (Micro, Small, and Medium Enterprise) product. You will use free tools like **Google Sites** and **Google Forms**, and analyze how digitalization can help small businesses in Indonesia.

🎯 Objectives

- Design a functional prototype of an online store
- Simulate a basic digital ordering system
- Analyze how digitalization impacts MSMEs
- Practice using technology to solve real-world problems

🧪 Materials Needed

✓ Laptop or smartphone
✓ Internet access
✓ Google account
✓ Google Sites or Canva
✓ Google Forms and Spreadsheet
✓ Photos or descriptions of a local MSME product

🛠 Instructions

PART A — Product Identification

1. What MSME product will you use? (real or fictional)
   → _____
   Why did you choose it?
   → _____

PART B — Website Design

2. Create a homepage using Google Sites or Canva.

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- Business name: _____
- Add at least **1 product image**, **description**, and **price**.

✅ Task Checklist:
☐ Homepage created
☐ Product information added
☐ Ordering instructions included

Paste your website link here:
→ _____

PART C — Order Form Simulation

3. Create a **Google Form** for customer orders. Include:
   - Customer Name
   - Address
   - Product & Quantity
   - Payment Method

✅ Task Checklist:
☐ Form created
☐ Connected to Google Sheet
☐ Tested by at least 2 classmates

Form link:
→ _____

PART D — Data Collection & Analysis

4. Record how many people filled out your form:
   → _____ people
5. What challenges did you face in designing and testing your system?
   → _____
6. If a real UMKM were to use this website, what improvements would you suggest?
   → _____

🧠 **Reflection Questions**

7. Why is digital access important for MSMEs in Indonesia?
   → _____
8. How can digital tools reduce economic inequality?
   → _____

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9. What new skill did you learn from this project?
   → _____

📊 **STEM Focus (Self Evaluation)**

Area	Skill You Used (Write at least one example)
Science	_____
Technology	_____
Engineering	_____
Mathematics	_____

✅ **Teacher Feedback (to be filled by teacher)**

Criteria	Score (1–5)	Comments
Creativity & Design		
Functionality of Prototype		
Data Collection & Analysis		
Critical Thinking		
Teamwork (if in groups)		

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