

**PM SHRI KENDRIYA VIDYALAYA NFC NAGAR GHATKESAR  
SUMMER VACATIONS HOLIDAY HOMEWORK**

Session: 2026-27

Class: IX

**Artificial Intelligence**

**Part A: Quick Concept Check (Answer in 2–3 lines each)**

1. What is Artificial Intelligence?
2. List any 3 applications of AI in daily life.
3. Name the three domains of AI with one example each.
4. List the stages of the AI Project Cycle in order.

**Part B: AI Around Me (Observation Task)**

Identify 4 real-life examples where AI is used. For each example, write:

- Name of the application
- What it does
- AI Domain (CV / NLP / Data)

**Part C: Problem Scoping Activity (4W Framework)**

Classify the following into AI Domains (CV / NLP / Data) and give a reason:

- Face Unlock
- Google Translate
- YouTube Recommendations
- Chatbots
- Self-driving Cars