

AI Powered Mini Course

Getting started with Gemini

Class 9



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Lesson Objectives

Focus: Plan a trip with AI

Skills

Use AI as

- **researcher & organizer** to build a trip
- **budget advisor** to manage trip costs

Verify important details. AI can make mistakes!

Instructions for AI

TRAIN your AI

Settings & Help → Personal Intelligence
→ Instructions for AI

"When you find information for me on the internet, **always include the link** (so I can **verify** the information.)"

Warm-Up

What will you bring?



Goal: Work in groups of 2-3 students.

- Your group (2–3 students) is going on a 4-day trip.
- You have one shared suitcase and only 10 Points total to spend.
- You must agree on which items to bring.

Itinerary
Vocabulary

Itinerary 形成计划	A day-by-day plan of what you will do and when.
Logistics 后勤安排	The details — how to get there, how long it takes, what order to do things.
Landmark 地标	A famous or important place.
Round trip 往返	Travel to a place and back.
Peak season 旺季	The most popular / most expensive time or season to travel.

Vocabulary for Planning & Organizing a Trip

1. "The most important thing to me is staying in a hotel that is very close to the subway. Having a good location is my **priority**."

2. "I am figuring out which bus to take, how long the ride is, and what time the train leaves. I am working on the **logistics**."

3. "I want a luxury hotel, but it is too expensive. I choose a cheap hotel so I can have more money to spend on tours. This decision is a **trade-off**."

4. "I am trying to find a flight to Paris in July. The prices are double because it is the most popular time to travel. July is the **peak season**."

Landmark

Logistics

Priority

Peak season

Itinerary

Round trip

Trade-off

These questions focus on the words used when searching and organizing a trip.

5. I bought one ticket that takes me from Boston to Los Angeles, and then from Los Angeles back to Boston. It is a **round trip**.

6. "I am standing in front of the Statue of Liberty. It is a very famous and important place to see in New York. It is a **landmark**.

7. "I am looking at my notebook. It says: Monday: 9 AM Museum, 1 PM Lunch, 3 PM Park. This day-by-day plan is my **itinerary**.

Landmark

Logistics

Priority

Peak season

Itinerary

Round trip

Trade-off

Activity 1

Building your Itinerary

Prompt 1: the **Researcher / Organizer**

- Ask AI to build a day-by-day itinerary (travel plan) for your trip.
- Use the prompt frame on your worksheet.
- If you don't know your plan, choose one of the sample trips (Sam's or Joe's) on your worksheet.

Budget Vocabulary

Estimate 估算	Make a careful guess about cost.
Itemize 明细列出	The price for one night at a hotel.
Per night 每夜	The price for one night at a hotel.
Option 选项	Choice
Priority 优先	When you give up one thing to get another.

Activity 2

Managing Your Budget

Prompt 2: the Budget Advisor

- **I want** to estimate the cost of my trip.
- **You be** my budget advisor.
- **Action**: Calculate the total cost and itemize (list) the details (hotel, food, transport). Tell me if my budget is enough. If it is too high, suggest how to save money.
- **Rules**: Show all your math.

Wrap-up

Homework

Prompt AI to

Generate a ___ slide PowerPoint for my trip.

Review the parts of a prompt

WHAT you need
你的需求

- **describe** your situation
- include **details** (time, place, etc.)

WHO to be / act as
它该是谁, 该作为谁

- say the **ROLE** (the person) you want AI to be
- AI can be anybody you want!

WHAT to DO
你交给 它的任务

- use **ACTION VERBS** to tell AI what to do

RULES to follow
它回复必须符合的规律

- give AI the **RULES** you want it to follow when it answers you.

AI's Role: What can AI do for you?

Week	AI's Role	What does this mean AI can do for you?
1		
2		
3		
4		
5		
6		
7		

What is AI?

- AI = your “smart assistant / helper”

How do we talk to AI?

- We use PROMPTS (提示)

What is a PROMPT?



Vocabulary for PROMPTING AI

What you need

AI's ROLE

- my teacher / tutor
- my boss
- a friendly neighbor
-
-

Action VERBS

- create, make
- draw
-
-
-
-
-
-
-

RULES for the answer

- list / table / paragraph
- only use 3 colors
- sentences with less than 10 words
-
-

Practice PROMPTING

TELL AI...

[illegible]