

1. Introduction

- Hello everyone, my name is _____.
- Today, I am going to talk about _____.

2. Bridge Type and Definition

- The type of bridge I will discuss is a _____.
- A _____ bridge is a structure that _____.

3. Characteristics and Purpose

- This type of bridge is known for _____.
- The main purpose of this bridge is to _____.

4. Key Components

- The key components of this bridge include _____, _____, and _____.
 - The _____ is used to _____.
 - The _____ helps to _____.
 - The _____ supports _____.

5. Forces and Load Distribution

- One important concept in bridge engineering is the force of _____.
 - This force _____ the materials of the bridge.
- Another important force is _____.
 - This force _____ the materials of the bridge.
- The load of the bridge includes _____ and _____.
 - Engineers calculate the load to ensure _____.

6. Real-life Example

- A real-life example of this type of bridge is the _____.
- This bridge is located in _____ and is used to _____.

7. Conclusion

- In conclusion, the _____ bridge is important because _____.
- Thank you for listening to my presentation.

<Key Expressions>

2. Bridge Type and Definition

- a. Beam Bridge
- b. Arch Bridge
- c. Suspension Bridge
- d. Cable-stayed Bridge

3. Characteristics and Purpose

- e. Simple design, strong and durable, can span long distances, efficient design
- f. Provide passage over obstacles, connect two points, carry heavy loads

4. Key Components

- o Deck, supports, cables, piers, abutments, foundation

5. Forces and Load Distribution

- o Tension, compression
- o Pulls apart, pushes together
- o Weight of the bridge, traffic, safety

6. Real-life Example

- o Golden Gate Bridge, Han River Bridge, Incheon Bridge, Seongsu Bridge