

Give me a three day lessons planning for High School students to learn quadratic function using an AI tool assistant.

Day 1:

Objective: To understand the basics of quadratic functions.

- Introduce the AI Tool Assistant and its purpose (10 minutes)
- Explain the fundamentals of quadratic equations including the different forms they can take (20 minutes)
- Introduce the quadratic formula and demonstrate how to use it to solve equations (25 minutes)
- Have the students practice solving a few equations (20 minutes)
- Use the AI Tool Assistant for additional practice (15 minutes)

Day 2:

Objective: To develop skills in graphing quadratic equations.

- Review quadratic equations and the quadratic formula (10 minutes)
- Introduce graph of quadratic equations and discuss the components (15 minutes)
- Demonstrate how to construct a graph from a given equation (25 minutes)
- Have the students practice graphing equations (20 minutes)
- Use the AI Tool Assistant for additional practice (15 minutes)

Day 3:

Objective: To practice solving equations involving quadratic equations.

- Review fundamental concepts (10 minutes)
- Explain how to solve equations with various forms of quadratic equations (20 minutes)
- Demonstrate how to solve equations using the quadratic formula (25 minutes)
- Have the students practice solving equations (20 minutes)
- Use the AI Tool Assistant for additional practice (15 minutes)