



Introduction to Instructional Design

Welcome to this worksheet on foundations of instructional design for teacher candidates! This worksheet is designed to help you understand the importance of learning objectives and how to create effective ones. You will have the opportunity to participate in hands-on activities and apply instructional design principles in a real-life setting.

Understanding Learning Objectives

1. What is a learning objective, and why is it important in instructional design?

2. What are the characteristics of a well-written learning objective?

3. Can you think of a scenario where a learning objective would be useful? Describe it.

Creating Learning Objectives

1. Write a learning objective for a lesson on teaching fractions to 5th-grade students.

2. Use the SMART criteria (Specific, Measurable, Achievable, Relevant, Time-bound) to evaluate your learning objective.

3. Revise your learning objective based on your evaluation.

Applying Instructional Design Principles

1. Imagine you are teaching a lesson on climate change to 10th-grade students. What would be the learning objectives for this lesson?

2. How would you assess student learning for this lesson?

3. What instructional materials would you use to support student learning?

Group Discussion

Group Task:

Discuss the following questions with your group:

1. What are the benefits of using learning objectives in instructional design?
2. How can learning objectives be used to promote student learning and achievement?
3. What are some common challenges in creating effective learning objectives, and how can they be overcome?

Case Study

Read the following case study:

"A teacher is designing a lesson on teaching algebra to 9th-grade students. The teacher wants to create a learning objective that aligns with the state standards. What would be an effective learning objective for this lesson?"

1. Write a learning objective for this lesson.

2. Evaluate your learning objective using the SMART criteria.

3. Revise your learning objective based on your evaluation.

Conclusion

Congratulations! You have completed this worksheet on foundations of instructional design for teacher candidates. Remember that learning objectives are an essential part of instructional design, and creating effective ones can promote student learning and achievement. Apply the principles you have learned in this worksheet to your own teaching practices.

Assessment

Please submit your completed worksheet to your instructor for assessment.

Additional Resources

For further learning, please refer to the following resources:

- Textbook: "Instructional Design for Teacher Candidates" by [Author]
- Online Course: "Creating Effective Learning Objectives" by [Instructor]
- Website: [Website URL]

