

**Subject Area:** Preschool Education  
**Unit Title:** Introduction to Basic Shapes and Colors  
**Grade Level:** Preschool (4-6 years old)  
**Lesson Number:** 1 of 10

**Duration:** 45 minutes  
**Date:** [Insert Date]  
**Teacher:** [Insert Teacher Name]  
**Room:** [Insert Room Number]

## Curriculum Standards Alignment

### Content Standards:

- Recognize and identify basic shapes (squares, circles, triangles, and rectangles)
- Count and recognize numbers from 1 to 10
- Identify primary colors (red, blue, and yellow) and understand color mixing

### Skills Standards:

- Demonstrate fine motor skills through shape sorting and color mixing activities
- Develop problem-solving skills through interactive quizzes and games

### Cross-Curricular Links:

- Mathematics: Number recognition and counting
- Art: Color theory and mixing

## Essential Questions & Big Ideas

### Essential Questions:

- What are the basic shapes and colors?
- How do we mix colors to create new colors?
- What is the sequence of numbers from 1 to 10?

### Enduring Understandings:

- Basic shapes and colors are fundamental concepts in mathematics and art
- Color mixing is a process of combining primary colors to create secondary colors
- Number recognition and counting are essential skills in mathematics

## Student Context Analysis

**Class Profile:**

- Total Students: 20
- ELL Students: 5
- IEP/504 Plans: 2
- Gifted: 3

**Learning Styles Distribution:**

- Visual: 40%
- Auditory: 30%
- Kinesthetic: 30%

## Pre-Lesson Preparation

### Room Setup:

- Arrange tables and chairs to facilitate group work
- Prepare shape sorting materials and color mixing supplies

### Technology Needs:

- Tablets or computers with educational apps
- Interactive whiteboard or projector

### Materials Preparation:

- Shape cards and sorting mats
- Color mixing supplies (paints, colored pencils, etc.)

### Safety Considerations:

- Ensure students wash their hands before and after using art materials
- Supervise students during group work and activities

## Detailed Lesson Flow

### Introduction and Welcome (5 minutes)

- Welcome students and introduce the topic of basic shapes and colors
- Use visual aids to support visual learners

### Shape Introduction and Sorting (15 minutes)

- Introduce basic shapes and have students sort them into corresponding categories
- Use multimedia resources to engage auditory and kinesthetic learners

#### Engagement Strategies:

- Use interactive quizzes and games to make learning fun and engaging
- Encourage group work and social interaction to promote teamwork and communication

### Color Mixing and Exploration (20 minutes)

- Introduce primary colors and have students mix them to create secondary colors
- Use hands-on activities and multimedia resources to support learning

#### Checking for Understanding:

- Use formative assessment strategies to check student understanding
- Provide feedback and adjust instruction as needed

### Number Sequencing and Counting (15 minutes)

- Introduce numbers 1-10 and have students sequence them in the correct order
- Use interactive quizzes and games to engage students

### **Conclusion and Review (5 minutes)**

- Review the learning objectives and assess student understanding
- Use class discussion and interactive quizzes to evaluate student learning

## Differentiation & Support Strategies

### For Struggling Learners:

- Provide additional support and scaffolding during group work and activities
- Use visual aids and multimedia resources to support learning

### For Advanced Learners:

- Provide challenging activities and extensions to promote critical thinking and problem-solving
- Encourage independent work and research projects

### ELL Support Strategies:

- Use visual aids and multimedia resources to support language learning
- Provide additional support and scaffolding during group work and activities

### Social-Emotional Learning Integration:

- Encourage teamwork and communication during group work and activities
- Use restorative circles and class discussions to promote social-emotional learning

## Assessment & Feedback Plan

### Formative Assessment Strategies:

- Use quizzes and games to check student understanding
- Provide feedback and adjust instruction as needed

### Success Criteria:

- Students can identify and name basic shapes
- Students can count and recognize numbers from 1 to 10
- Students can identify primary colors and understand color mixing

### Feedback Methods:

- Verbal feedback during group work and activities
- Written feedback on quizzes and assignments

## Homework & Extension Activities

### Homework Assignment:

Have students create a shape sorting game at home using everyday objects

### Extension Activities:

- Have students research and create a presentation about a specific shape or color
- Have students create a color mixing art project using different materials

### Parent/Guardian Connection:

Encourage parents/guardians to engage with their child's learning by asking about their favorite shape or color

## Teacher Reflection Space

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### Pre-Lesson Reflection:

- What challenges do I anticipate?
- Which students might need extra support?
- What backup plans should I have ready?

### Post-Lesson Reflection:

- What went well?
- What would I change?
- Next steps for instruction?

## Implementation Steps

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1. Prepare multimedia resources and educational apps
2. Set up interactive quizzes and games
3. Organize group sorting games and color mixing activities
4. Conduct virtual field trips to explore real-life examples of shapes and colors
5. Deliver the lesson and assess student understanding
6. Reflect and adjust instruction as needed

## Student Engagement Factors

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- Interactive quizzes and games
- Virtual field trips
- Multimedia integration
- Group work and social interaction

## Conclusion

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This lesson plan is designed to introduce preschoolers to basic shapes and colors, while promoting student engagement and motivation. By incorporating differentiation strategies, assessment opportunities, and student engagement factors, this lesson plan aims to provide a comprehensive and inclusive learning experience for all students.

