

Dice Activities for Math

Correlation to the Math Standards

Standard	Page No.
Grade K	
Counting and Cardinality (K.CC)	
4. Understand the relationship between numbers and quantities; connect counting to cardinality.	4–9, 73–74
Operations and Algebraic Thinking (K.OA)	
2. Add and subtract within 10, e.g., by using objects or drawings to represent the problem.	10–15, 73–74
Grade 1	
Operations and Algebraic Thinking (1.OA)	
5. Relate counting to addition and subtraction (e.g., by counting on 2 to add 2).	12–23, 74
6. Add and subtract within 20, demonstrating fluency for addition and subtraction within 10. Use strategies such as counting on; making ten; decomposing a number leading to a ten; using the relationship between addition and subtraction; and creating equivalent but easier or known sums.	16–23, 30–36, 47–48, 62, 70, 75–79, 86–90
Number and Operations in Base Ten (1.NBT)	
1. Count to 120, starting at any number less than 120. In this range, read and write numerals and represent a number of objects with a written numeral.	10, 12, 14, 16, 18, 20, 22, 24, 30, 32–38, 59, 61, 63, 66–67
2. Understand that the two digits of a two-digit number represent amounts of tens and ones.	66–68, 70
4. Add within 100, including adding a two-digit number and a one-digit number, and adding a two-digit number and a multiple of 10.	46, 59–64, 66–67, 70, 89
5. Given a two-digit number, mentally find 10 more or 10 less than the number, without having to count; explain the reasoning used.	75
Grade 2	
Operations and Algebraic Thinking (2.OA)	
3. Determine whether a group of objects (up to 20) has an odd or even number of members.	24–25, 39–41
Number and Operations in Base Ten (2.NBT)	
5. Fluently add and subtract within 100 using strategies based on place value, properties of operations, and/or the relationship between addition and subtraction.	
Grade 3	
Number and Operations – Fractions (3.NF)	
1. Understand a fraction $1/b$ as the quantity formed by 1 part when a whole is partitioned into b equal parts; understand a fraction a/b as the quantity formed by a parts of size $1/b$.	51–56, 80–85
Mathematical Practice Standards	
MP7. Look for and make use of structure.	4–25, 30–41, 59, 61, 63, 69