

# Zach's Zoo Adventure

**Building Fluency:** multiply whole number by a fraction

**Materials:** die, gameboard, game marker, calculator -optional

**Number of Players:** 2-4

**Directions:** Zach is visiting the Asheboro Zoo for the day. He needs your help to navigate his way through the zoo.

1. All players begin on "Start". Player 1 rolls the die and multiplies the digit on the die by the fraction their game piece is on.
2. If it is correct (may use calculator to check your work) Player 1 moves forward the number of spaces shown on the die.
3. Players take turns rolling the die and multiplying the digit on the die by the fraction their game piece is on.
4. The first player to cross the finish line wins. Play until every player crosses the finish line. You've helped Zach visit the entire zoo!

**Variation/Extension:** Students can create their own gameboard and/or use a die with larger numbers. Student can record their work on a piece of paper of in math notebook.

<b>START</b>	$\frac{1}{4}$	$\frac{2}{3}$	$\frac{5}{8}$	Stop to Watch the Lions, Skip a Turn	$\frac{3}{4}$	$\frac{2}{6}$	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{2}{2}$	Ride the Train, Move Ahead 2 Spaces
										$\frac{5}{6}$
										$\frac{6}{6}$
								$\frac{1}{4}$		
								Stop to Buy a Snack, Move Back 2 Spaces		
								$\frac{2}{3}$		
								$\frac{7}{8}$		
								$\frac{4}{8}$		
								$\frac{3}{6}$		
								$\frac{1}{3}$		
								$\frac{1}{2}$		
Restroom Break, Skip a Turn	$\frac{1}{2}$	$\frac{6}{8}$	$\frac{1}{4}$	$\frac{3}{3}$	$\frac{1}{6}$	$\frac{3}{4}$	$\frac{2}{8}$	$\frac{1}{4}$	$\frac{4}{6}$	<b>FINISH</b>