



KNOT RACING SET UP & RULES

BIG GAMES

Children will love racing against each other to tie intricate knots in the fastest time possible.

Age Appropriateness:

- 8 & up

Learning Skills:

- Spatial Reasoning
- Problem Solving

Materials:

- At least 2 lengths of 3 ft rope
- Knot Racing Challenges
- Stopwatch (Optional)
- Wall of Fame poster (Optional)
- 2 or more players

Action Time:

- 30 mins

PREPARATION

- Cut 3 ft lengths of rope
- Have Knot Racing Challenge print outs ready to use
- Prepare a stopwatch and Wall of Fame board if desired

ACTION

- Give 2 or more players each a length of rope
- Begin the race by revealing a challenge card with a knot on it
- Players will race to complete the knot
- The first player to make the knot correctly wins, but allow all players to continue so that they each get to complete the knot
- Optional: use a stopwatch and log player's times to make each knot on a Wall of Fame.
- When the round is complete, untie all knots and start a new challenge.

REFLECTION: Lead a discussion to talk about what players did well or could have done better. Challenge players to change their strategy to solve faster the next time.