

Water Bottle Bowling 3-5

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Lesson

S-T-R-I-K-E!!! What does that make you think about? Did you say, Baseball? Of course . . . 3 strikes & you're out! But can you think of another sport when you hear STRIKE? Did you say bowling? Yes . . . This is a game that kids of all ages like to play! It has been a game played for many centuries! It was known to be a game over 5000 years ago! There are remains of this favorite game found in historic remains from early Egypt. Stones were rolled at various objects. Maybe the rules or ways have changed through the years but it has mostly stayed the same. Germany is given credit for the creation of the 10 pin game as we know it today. A ball is rolled towards standing objects called pins. Early balls were made from rolled string covered with leather. The pins were usually made of wooden standing objects. The object of bowling is to knock down as many pins as possible & to knock down more than your opponent if someone else is playing? In the early history, the games were mostly played outside or under cover. About 1810, the game was played at an indoor site in England. By the 1820's, the indoor game, with 10 pins came to the USA & was known to be in New York City as a side attraction to a different existing business as a store or bakery. Bowling has come to be a favorite sport here in the United States with many becoming professional bowlers, meaning that bowling is their job! People bowl in competitions & on teams! Have you ever bowled? Did you ever think you could bowl at home? Check out the fun idea below that you can create out of household items & make a competition with your family & friends! Three Strikes & you won't be out!



Questions for students

- What are the 3 known types of bowling pins?
- How do you keep score in the game of bowling?
- What is a strike & Spare?
- How many time do you roll your ball during your turn?
- Where did the 1st bowling alley open in the USA?
- Can the game of bowling be played alone?
- What fairytale from old, talks about bowling?

Please us the Other Resources Page before you start the art project

Materials

- 10 Empty 12oz. Water bottles with caps
- Beans/Rice/Sand
- Permanent Markers/Colored duct tape
- 2 balls about the size of a baseball or balls or balls of yarn with making tape.



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Other Learning Resources

Things to Talk About

Can you Knock over more bottles if you roll the ball harder or softer?

Experiment to see if it's harder to knock more bottles down if they are spaced farther apart?

If you are closer to the bottles, is it easier to knock the pins down?

What is the highest score possible?

Scoring

In each turn, your score is recorded as a frame. A game is made up of 10 frames per player.

On your turn, count the bottles you knock over by both balls rolled.

On your turn, if you knock all 10 bottles down on your 1st ball (STRIKE), roll 2 more balls and count the bottles knocked down with the score in your current frame.

On your turn, if you knock down all 10 bottles after rolling both balls (SPARE), roll one more ball to count in your current frame.

Books About Bowling

Mitchell Goes Bowling by Hallie Durand

Million Dollar Strike by Dan Gutman

Are Bowling Balls Bullies? by Thomas Kingsley Troupe

Learn More About Bowling

<https://en.wikipedia.org/wiki/Bowling>

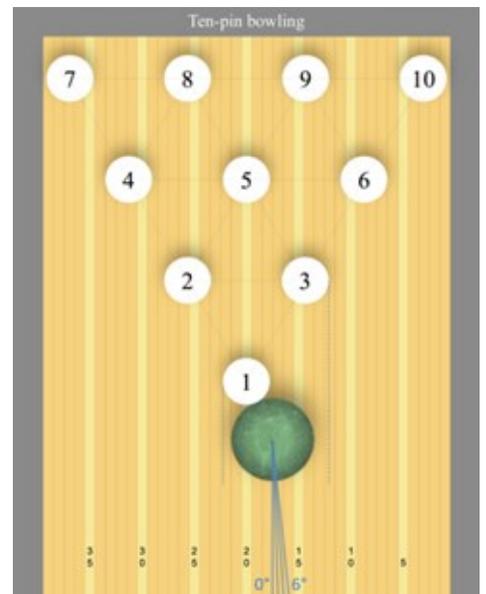
https://en.wikipedia.org/wiki/Ten-pin_bowling

Videos About Bowling

<https://www.youtube.com/watch?v=pdi6o5popkU>

<https://www.youtube.com/watch?v=Tbyp-FV7Nu0>

https://www.youtube.com/watch?v=mQ9e5RyHE_k



Instructions



1. Gather all your materials.
2. Make sure your water bottles are clean & label free.
3. If you want, you can decorate your bottles or draw faces on each one.
4. Put about a half cup of beans/rice/sand into each water bottle & put on the caps (nice idea to glue lids shut)
5. Do you have your balls ready to play? If not make them with yarn & tape.
6. Have parents help make a pattern for your pins to go on. Set up your bottles in a triangle of 4 rows back to front- 4 bottles, 3 bottles 2 bottles & 1
7. Once you are set up, you are Ready to play!
8. Stand at a mark about 10 -12 feet from the bottles
9. Remember that in bowling, you ROLL the balls underhand on the ground towards the pins.
10. Each Player rolls the 2 balls on their turn & counts the bottles knocked over.
11. You can decide what you want the end of the game to be. Maybe the first to get to 50? Or you can play by accurate 10 FRAME scoring.
12. Have lots of fun!



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