Dear Parents & Caregivers,

We hope that you will find this program’s ready-to-use activities helpful in enriching the home-based learning experience for your children. The program was created for teachers and classroom use, but can be adapted for use at home by families. Download and print the standards-based activity sheets that you plan to use before getting started. Children can complete the activities on their own rather than working with a team of classmates. Use the teacher instructions and talking points to help you explain the activities to your children. And, help your child by reading each activity sheet to them if they need support.

We hope you enjoy exploring math in sports with your children.

The YMI Team
Dear Educator,
Spark students’ interest in math by relating a popular character to a favorite topic — Snoopy and sports — with these standards-based problem-solving activities and puzzles based on popular sports from around the globe. Developed by the curriculum specialists at Young Minds Inspired (YMI) in partnership with Peanuts Worldwide, these engaging activities will remind students that sports are numbers-based pastimes.

Each lesson is inspired by Snoopy’s outgoing, adventurous, and creative personality. Working individually and in teams, students will enjoy learning about how numbers and math are a key part of world championship sports like baseball, surfing, skateboarding, and karate.

Please share this program with other grade 3-5 teachers at your school. And let us know your opinion of the program by visiting ymiclassroom.com/snoopysports. We look forward to your comments and suggestions.

Sincerely,

Dr. Dominic Kinsley
Editor in Chief
Young Minds Inspired

PROGRAM OBJECTIVES
• Motivate students’ interest in math by relating it to world championship sports
• Challenge students to use their math skills to solve problems

TARGET AUDIENCE
Students in grades 3-5

HOW TO USE THIS PROGRAM
Download, photocopy, and distribute the three reproducible activity sheets to all students. Prepare the materials for each activity in advance. Visit ymiclassroom.com/snoopysports for standards alignment.

Activity 1
LOADING THE BASES
Hard work and skill are very important in every sport. In baseball, skill and performance are tracked using math. Players are ranked by numbers ranging from RBI (runs batted in) if you are a hitter, to the number of games won, if you are a pitcher. Baseball fans tend to know their favorite players’ and teams’ numbers or statistics.

Baseball is often called a “game of numbers.” Some are obvious and some are hidden. For example, sets of three are hidden in the game. Ask students to identify examples of multiples of three in baseball. (Possible answers: Each batter gets three strikes before they’re out; there are two sets of three outs in every inning, which equals six outs; and there are nine innings in every game.)

Tell students that now it is their turn to step up to bat! Working individually or in small groups, ask students to help Snoopy with baseball math by completing the problems on the activity sheet. **Answers:** 1. about 180 feet; 2. 6 strikes; 3. about 181 feet and 6 inches; 4. 360 feet; 5. 78 outs; 6. Batting average is .350.

Activity 2
GET ONBOARD!
Surfing and skateboarding are both sports where people balance on a board. Ask students how they think surfing competitions are scored, then tell them that surfers are given points based on the difficulty of the wave (how fast and high it is), and the speed, power, flow, and difficulty of the maneuvers they perform on the surfboard. Skateboarding is scored much like surfing. Skateboarders are given points based on the difficulty of the tricks they perform and how well they perform each trick. Surfing and skateboarding are sports of numbers and math, too.

Now ask students to play their own numbers game. Pass out the activity sheet. Have students work together as a team to solve the math problems and help Snoopy decode an important message about surfing and skateboarding. **Answers:** 1. 75 minutes; 2. 5 miles; 3. 103 skateboards; 4. 12 mph; 5. 180 degrees; 6. 64 wheels; 7. 3 pretzels; 8. 6 hours. Decoded phrase: Always wear a helmet!

Activity 3
SNOOPY IS READY TO PLAY!
Tell students that it’s time to play a guessing game. Then give them the following clues and ask them to guess the sport: You will be outside to participate in your sport. You will need a special outfit. You watch the tide cycle. And you will NOT need your shoes!

Tell students that the answer is surfing. If time allows, let a few students think of an activity and give clues for the rest of the class to guess.

Explain to students that when you figure out something based on clues, you use deductive reasoning. This means that your brain works logically to eliminate answers that don’t fit the clues in order to find the answer that makes the most sense. Deductive reasoning is excellent exercise for the brain, and it teaches students to think logically and make good guesses.

Pass out the activity sheet. Tell students that they are going to use deductive reasoning to figure out which sports Snoopy and Woodstock want to play or do. **Answers:** Part 1. Snoopy wants to take karate, and Woodstock wants to go skateboarding. **Answers:** Part 2. See answer key at ymiclassroom.com/snoopysports.

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Explain to students that karate is a martial art that is thought to have originated in Japan. The place where people practice karate is called a Dojo. The outfit participants wear is called a Gi. The special belt worn with the Gi comes in different colors. The color signifies how advanced the person is in the sport.

After students complete the word search, take a class poll to see if any students have played or participated in any of the sports or if they would like to try them. This can be extended by having students poll their families and then tally the results as a class.

RESOURCES
ymiclassroom.com/snoopysports
活动1 重复的主基石

装载基石

棒球是数字游戏。你能帮史努比完成棒球的数学难题吗？使用图片帮助你解决下面的数学问题！

你知道吗？

棒球历史上最高分的比赛中，芝加哥小熊队对阵费城费城人队，于1922年8月25日进行。小熊队得分26分，费城人队得分23分，总得分为49分。现在轮到你来击出本垒打！你能和家人一起找到关于棒球的有趣事实吗？通过互联网搜索并与同学们分享你的有趣事实！

史努比™ 棒球

1. 史努比的队伍在场上。史努比是第一垒的球员。有一个球员在第一垒。击球手击打一个地面球到史努比。史努比接住球并标记了本垒，所以击球手出局。然后他把球传到第二垒。这是一个双杀！从击球手击球到接球手被第二垒出局，球行了多少英尺？

2. 第二局到了，史努比的队伍上场。两个击球手连续被三振出局。被三振出局的总次数是多少？

3. 史努比上场击球。投手投出了三球。史努比在第三次击球时击中了球。投手在三次投球中投出了球的距离大约是多少？（提示：一英尺有12英寸。）

4. 史努比打出了本垒打！他绕过四个垒跑了多少英尺？

5. 史努比的比赛进入了延长局！有13局完整的比赛。比赛中的出局总数是多少？

6. 史努比今年上场打了200次，其中有70次击中。他的击球平均数是多少？将70除以200来计算！你的答案应该是小数形式。

你知道吗？棒球历史上最高分的比赛中，芝加哥小熊队对阵费城费城人队，于1922年8月25日进行。小熊队得分26分，费城人队得分23分，总得分为49分。现在轮到你来击出本垒打！你能和家人一起找到关于棒球的有趣事实吗？通过互联网搜索并与同学们分享你的有趣事实！
Work as a team to solve these sports math problems and help Snoopy decode a message!

**Part 1:** Solve each problem below. Write your answer on the line.

1. Snoopy likes to surf. He is scheduled to surf at 1:30 p.m. It’s 12:15 p.m. right now. How many minutes does Snoopy have to wait? _____

2. Snoopy has to swim out on his surfboard to “catch” a wave. In the morning, he swam 1 mile, took a break, and then swam another mile. In the afternoon, he swam 3 miles. How far did Snoopy swim today? _____

3. Snoopy decides to get a skateboard. The skateboard shop has 17 micro boards, 25 mini boards, 29 midi boards, and 32 full-sized boards. How many boards in all are in the shop? _____

4. When skateboarding on a flat surface, Snoopy travels about 7 miles per hour (mph). His speed picks up going downhill. How fast does Snoopy travel downhill? Solve this problem to find out: 24 ÷ 8 x 4 = _____

5. Snoopy practices the Pop Shove It 360 trick, which causes the skateboard to rotate halfway through a 360-degree turn. How many degrees will the board rotate? _____

6. Snoopy’s friends join him at the skatepark. Now there are 16 friends skating at the park, including Snoopy. If each skateboard has four wheels, how many wheels are in use at the park? _____

7. Snoopy brought 48 pretzel sticks for his friends. If he divides them up evenly among himself and his friends, how many will each skater get? _____

8. Snoopy played hard this weekend. The first day he surfed from 1:30 pm to 5:15 pm. The second day he skateboarded from 9:45 am to 12:00 pm. How many total hours did he surf and skate? _____

**Part 2:** Now, use the answers to create a letter key. Write each answer from Part 1 on the blank next to the problem number. Then use your key to decode Snoopy’s safety rule for kids about surfing and skateboarding. Write the letter for each number on the line above it.


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**Did you know?** The tallest wave ever surfed was a giant, 80-foot monster off the coast of Portugal. And the highest skateboard jump was over 25 feet high. Talk with your family about which sport you’d rather do and why!
SNOOPY IS READY TO PLAY!

Put your puzzle-solving skills about championship sports to work.

**Part 1:** Use deductive reasoning and the clues below to figure out which sports Snoopy and Woodstock want to play. **Hint:** Put an “X” in a box when you can eliminate that choice.

- Snoopy needs to wear a specific outfit.
- Woodstock wants to play outside.
- Snoopy does not want to get wet.
- Woodstock does not want to get wet, either.
- Snoopy does not need special shoes.
- Woodstock likes to roll.
- Snoopy will be going to a Dojo.

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Which sport does Snoopy want to play or do? _______________________
Which sport does Woodstock want to play or do? _____________________

**Part 2:** Snoopy and Woodstock like many sports. How many championship sports names can you find in this puzzle? **Hint:** There are 10.

- TENNIS
- VOLLEYBALL
- BADMINTON
- CYCLING
- GOLF
- ROWING
- RUGBY
- SAILING
- SOCCER
- SWIMMING

**Did you know?** More than 6 million kids in the U.S. participate in martial arts, including karate. Does anyone in your family practice karate? Imagine if you could do one of these activities with Snoopy. Talk with your family about which sport you would choose. Did you all pick the same sport?