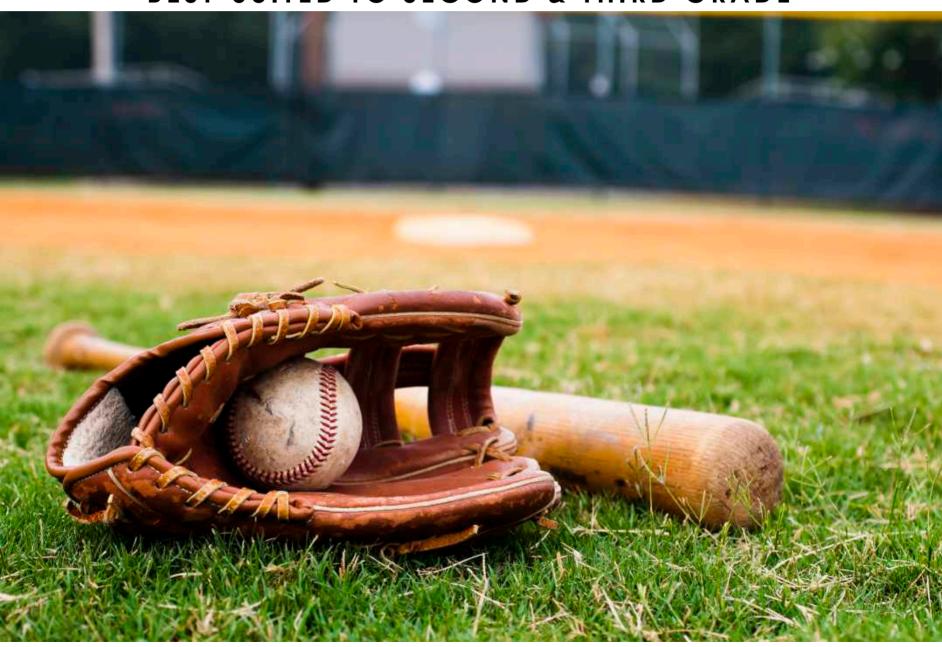
# ORGANIZE A BASEBALL TOURNAMENT

## A REAL LIFE MATH PROJECT

BEST-SUITED TO SECOND & THIRD GRADE



**CREATED BY SHELLEY GRAY** 

## **ABOUT THIS RESOURCE**

Are you looking for a way to reinforce number sense concepts in an engaging way that helps your students make connections? "Organize a Baseball Tournament" is a **real-life math project** where students will complete eleven different math-related tasks.

These activities can be used as a package, or in isolation. They work great as a math center, small-group lesson, early finisher activity, or partner activity.

A digital version is also included that is optimized for digital use with Google Slides™.

Take a look at what you'll find inside this math project:

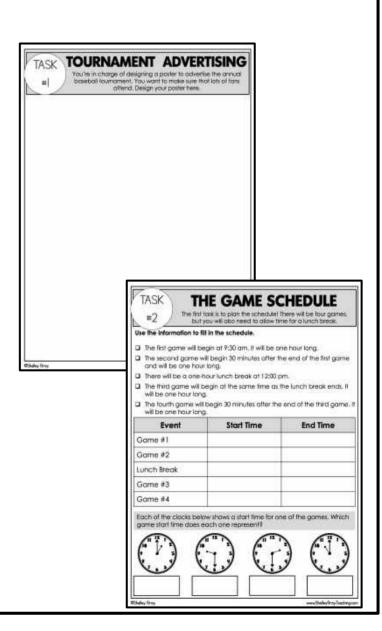
#### TASK #1: TOURNAMENT ADVERTISING

You're in charge of designing a poster to advertise the annual baseball tournament. You want to make sure that lots of fans attend.

#### TASK#2: THE GAME SCHEDULE

The first task is to plan the schedule! There will be four games, but you will also need to allow time for a lunch break.

Skills: time to the hour and half hour, elapsed time



# TASK #3: STOCKING THE CONCESSION STAND

The concession stand will be selling lunch and snacks for the day. It's your job to stock it up and get it ready for the day.

Skills: place value, word form, expanded form, representing numbers

#### **TASK#4: ENTRY FEES**

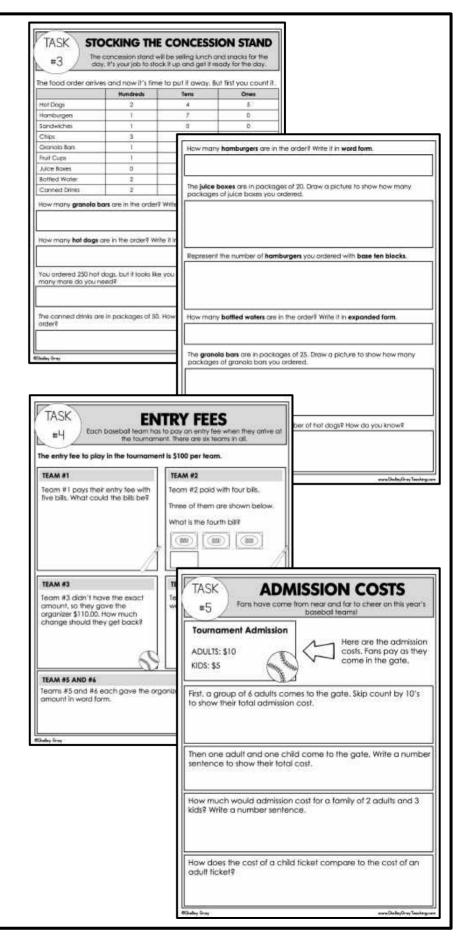
Each baseball team has to pay an entry fee when they arrive at the tournament. There are six teams in all.

Skills: money, making 100

#### TASK#5: ADMISSION COSTS

Fans have come from near and far to cheer on this year's baseball teams! Let's see how it's going at the admission gate.

Skills: skip-counting, using 5 and 10



#### **TASK #6: PLAY BALL**

The tournament has begun! Let's take a look at what's happening on a few of the baseball diamonds.

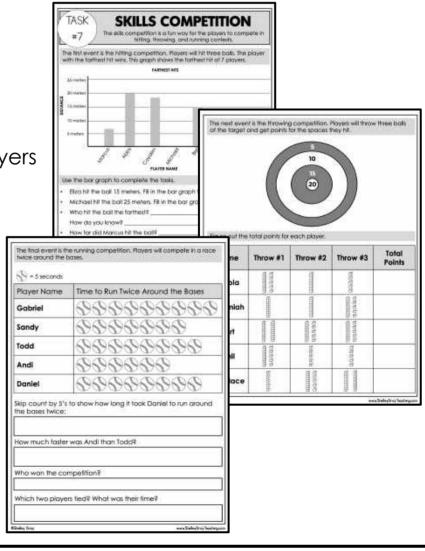
Skills: arrays, representing numbers, addition



#### **TASK #7: SKILLS COMPETITION**

The skills competition is a fun way for the players to compete in hitting, throwing, and running contests.

Skills: interpreting data on a bar graph, comparing data, base ten blocks, addition, picture graph, skip-counting by 5's



#### TASK #8: SLUGGER'S CONCESSION STAND

Welcome to Slugger's Concession Stand – where we'll hit your lunch order out of the park! Let's look at some of the orders from the day.

Skills: money, addition

#### TASK #9: SOLVING CHALLENGES

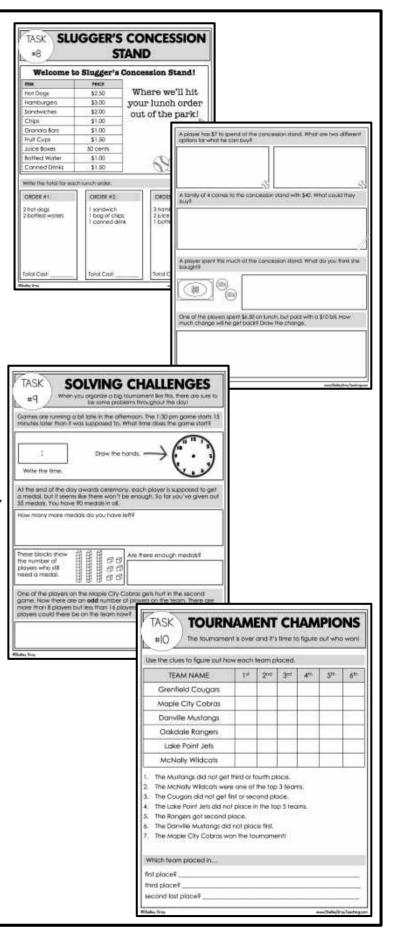
When you organize a big tournament like this, there are sure to be some problems throughout the day!

Skills: problem-solving, time, representing numbers, addition and subtraction

#### **TASK #10: TOURNAMENT CHAMPIONS**

The tournament is over and it's time to figure out who won!

Skills: using clues to eliminate information

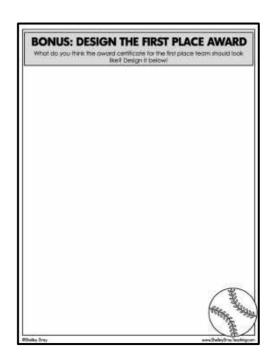


#### **TASK #11: DAILY REVENUE**

The tournament was a huge success! Now you will need to figure out if you made enough money to cover the day's expenses.

Skills: word form, revenue or expense, addition, subtraction

\*This section will serve as an extra challenge using numbers in the thousands in some parts.\*\*



TASK **DAILY REVENUE** Sługger's Concession Stand Player Medals Sugger's concession stand made \$1,000 throughout the day! How many numbeds are in 1,0009 Grow a picture. The food expenses for Stugger's Concession Stand were \$500. If they made \$1,000, but spent \$500, what was their **profil**? How much did the Now III dered 90 medals. How much is this revenue or an expense? Why? Now Ill in the gate admission section on the chart Oid you make more money from you queriff flow much more?

**PLUS A BONUS ACTIVITY** 

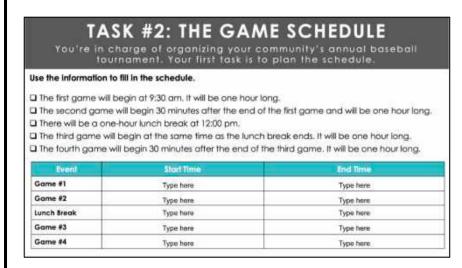
ANSWER KEYS ARE INCLUDED TO MAKE SELF-CHECKING SIMPLE.

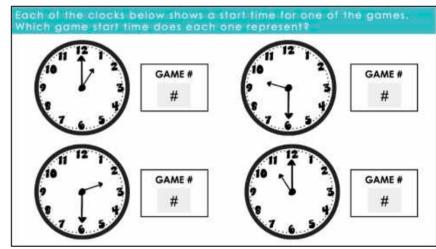
### **DIGITAL VERSION**

The digital version of this math project is optimized for digital use with Google Slides™, including lots of room for typing and moveable pieces to create an interactive experience.

To use with Microsoft TEAMS, save as a PowerPoint first.

Here is a small sample of what you can expect to find in the digital version of this project.









#### WAYS TO USE MATH PROJECTS IN YOUR CLASSROOM:

Math projects are an ideal way to consolidate learning. I recommend using them as an engaging activity AFTER skills have been learned rather than during learning. You will likely find that engagement is very high and that your students ask to do more of these!

There are many ways to use math projects in your classroom. Some of the most popular are:

- a small-group or pairs activity
- a guided math activity to allow you to see where your students are struggling
- a fun, rewarding way to engage your early finishers
- a low-prep, easy-to-implement activity for a substitute teacher

Enjoy!

Shelley Gray
www.ShelleyGrayTeaching.com