

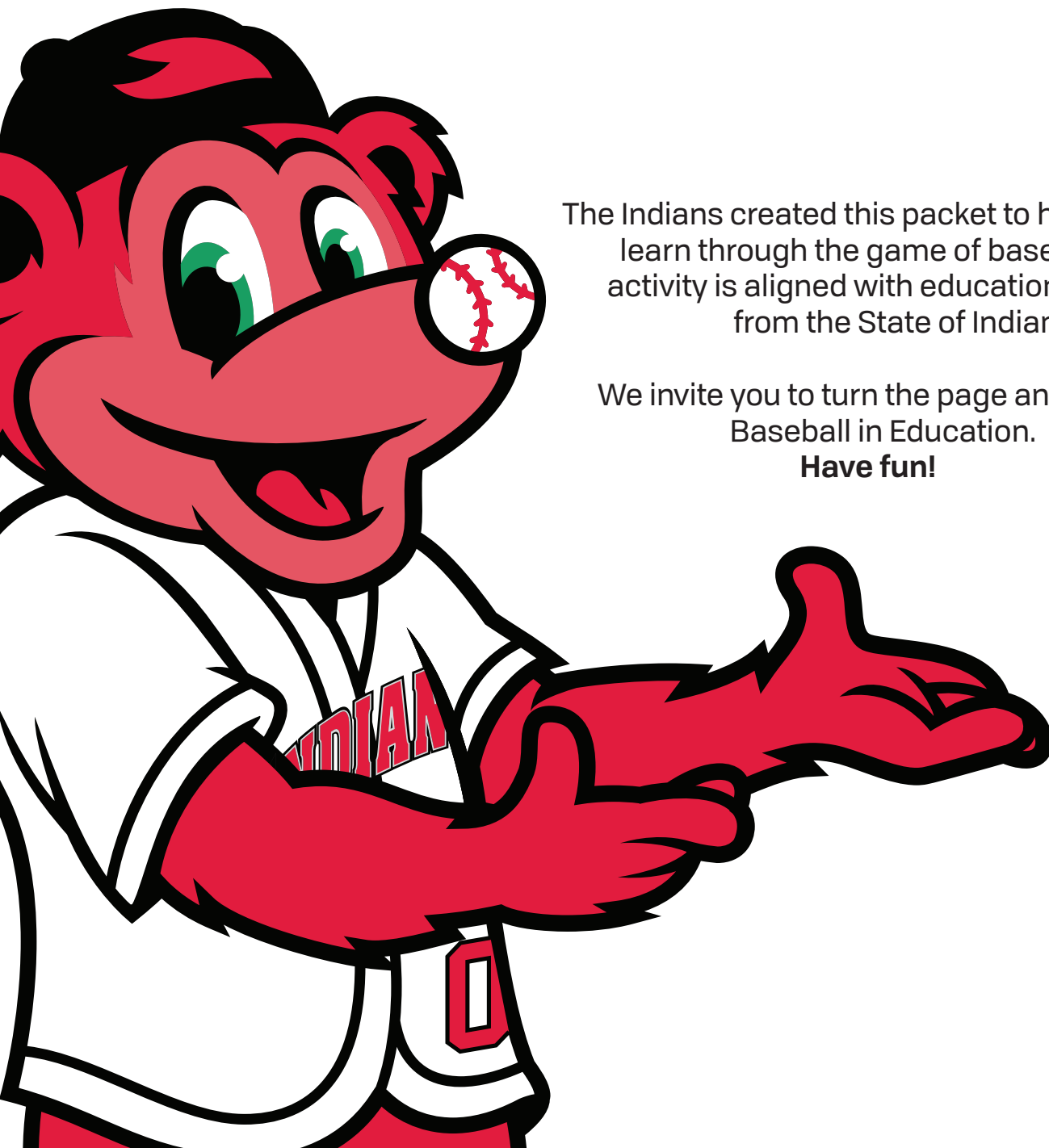
GRADES 6-8

INDIANAPOLIS

INDIANS

BASEBALL IN EDUCATION

Welcome to the Indianapolis Indians Baseball in Education program for Grades 6 through 8



The Indians created this packet to help students learn through the game of baseball. Each activity is aligned with education standards from the State of Indiana.

We invite you to turn the page and slide into Baseball in Education.
Have fun!





A LIFETIME *of* SUCCESS



IUPUI

BASEBALL IN EDUCATION CURRICULUM OUTLINE

Grades 6-8

- Pg 1 **Create Your Own Baseball Cards**
Make baseball cards about yourself and a friend or family member using the principles of what's included in a baseball card.
- Pg 4 **Baseball Uniforms and Equipment**
Answer questions from linked videos about how and why teams use different kinds of equipment and the kinds of uniforms they wear.
- Pg 6 **Math and Baseball**
Complete the problems using math from the game of baseball.
- Pg 12 **Visit Victory Field**
Use your resources to plan a day at the ballpark.
- Pg 16 **Baseball Card Statistics**
Learn about why statistics are important to baseball and how to calculate them.
- Pg 27 **Thank You Notes**
Discover the differences between formal and informal thank you notes.
- Pg 29 **Answer Sheet**
Key to problems from earlier in the book.



CREATE YOUR OWN BASEBALL CARD

Create Your Own Baseball Card

(Indiana Standards: 4.ML.1, 5.ML.1, 4.RV.1, 5.RV.1, 4.W.1, 5.W.1, 4.SL.2.4, 5.SL.2.4)

MITCH KELLER

Indianapolis Indians™

BORN: April 4, 1996

BIRTHPLACE: Cedar Rapids, Iowa

BATS: RIGHT THROWS: RIGHT

HEIGHT: 6'2" WEIGHT: 210

Photography: Austin Fiedline

STATISTICS

YEAR TEAM	W-L	ERA	G	GS	SV	IP	H	BB	SO
2017 Bradenton (A+)	6-3	3.14	15	15	0	77.1	57	20	64
2017 Altoona (AA)	2-2	3.12	6	6	0	34.2	25	11	45
2018 Altoona (AA)	9-2	2.72	14	14	0	86.0	64	32	76
2018 Indianapolis (AAA)	3-2	4.82	10	10	0	52.1	59	22	57
Minor Lg. Totals	29-17	3.02	87	86	0	435.2	359	135	443

The Pirates No. 1 prospect was Pittsburgh's second-round selection of the 2014 First-Year Player Draft. He began the 2018 campaign with Altoona and went 9-2 with a 2.72 ERA (26er/86.0ip) before being promoted to Indy, leaving him fourth in Altoona's history with a 2.83 ERA among pitchers with at least 20 starts. He earned a Futures Game Selection and started for the U.S. Team at Nationals Park, where he threw one hitless inning and struck out two. To cap off the season, Keller finished first in the Pirates organization with 135 strikeouts, tied for third with 12 wins and fourth with a 3.48 ERA.

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MITCH KELLER

P

MITCH KELLER

CHOICE
2019

Every Indianapolis Indians player has a baseball card. The player's information on the card includes his home state/country, height, weight, statistics and if he throws and bats with his right or left hand. The card also highlights information about the player's achievements.

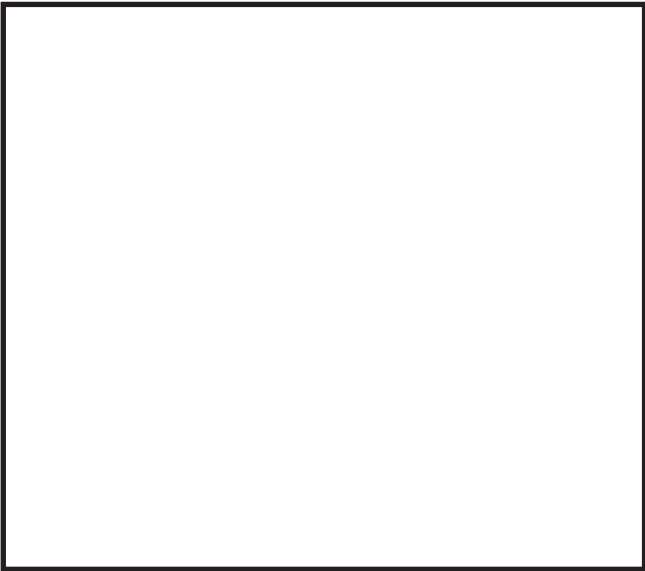


CREATE YOUR OWN BASEBALL CARD

Create a Baseball Card About Yourself

Create an autobiographical baseball card!

What important facts do you want people to know about you?
What events make you happy? Why are your friends important to you?
What do you like best about school?


<p>Your Name:</p>		<p>What jobs interest you? Why?</p>
<p>Draw Your Picture Here:</p> 		
<p>When were you born? What important events have occurred in your life so far?</p>	<p>Why are friends important to you? What kind of people make good friends?</p>	
		<p>What is one of the biggest problems or challenges you have had to face? How did you solve it?</p>
		<p>What important characteristics do you want people to know about you?</p>



CREATE YOUR OWN BASEBALL CARD

Create a Baseball Card About Someone You Admire

Who do you find interesting? Is it a person from the past or the present? Whether someone is a famous baseball player, astronaut, chemist or teacher, each have a story to tell. When did this person live? What are or were important events of this person's life?

Name:	
Draw Their Picture Here:	
	
Describe this person.	What was this person's job or work?

Describe one or two important events of this person's life.
How did this person react or change after these events?
What did/does this person do for other people, the community or the world?
What was one thing this person did that got your attention? How did this person impact your life?



BASEBALL UNIFORMS AND EQUIPMENT

Research Baseball Equipment

(Indiana Standards: 4.SL.2.5, 5.SL.2.5, 4.W.1, 5.W.1, 4.SL.2.1, 5.SL.2.1)

The first baseball team to wear baseball uniforms was the New York Knickerbockers in 1849. Baseball uniforms are designed to help players, officials, and the two teams tell the difference between players and teams. Most baseball uniforms have the names and numbers of players who wear them, usually on the back of the uniforms to distinguish players from one another. Uniforms have different logos and patches. The logo is worn on either the left or right side of the jersey. Sometimes patches are added to the uniform. Patches might relate to the team's history, major events in baseball, special causes, or memorial patches. Jerseys, pants, socks, hats, cleats and gloves are part of the uniform.

The Indianapolis Indians have many different uniforms. See below.



BASEBALL UNIFORMS AND EQUIPMENT

Baseball Uniforms and Equipment

Click on the link to research each equipment item and fill out the chart below.

EQUIPMENT	HOW IS IT MADE?	WHICH PLAYERS USE THIS EQUIPMENT?	HOW DOES THIS EQUIPMENT HELP THE PLAYER?
Bat	How Bats Are Made		
Batting Helmet	Batting Helmet		
Catcher's Mask	Catcher Direct Hit		
Glove	Nokona Baseball Glove Maker		
Cleats	Selecting Cleats		
Baseball	How a Baseball is Made		
Hats	Step-by-Step Ball Cap Making		



MATH AND BASEBALL

Math and Baseball

(Indiana Standards: 6.NS.6, 8.NS.1, 7.C.8)

Math is used in many places in baseball! For example, to calculate the statistics you read on the back of baseball cards.

If you want to know about players and their statistics, you better know how to read decimals and find averages and percentages. Coaches, players and fans love to know the statistics for players.

So let's practice how to calculate them ourselves.

ACTIVITY 1: CONVERT EACH DECIMAL TO A PERCENTAGE AND EACH PERCENTAGE TO A DECIMAL

PLAYER (2017)	AVERAGE	PERCENTAGE
Elias Diaz	.258	
Gift Ngoepe		23.2%
Max Moroff	.255	
Erich Weiss	.280	
Jacob Stallings		23.7%



MATH AND BASEBALL

ACTIVITY 2: DETERMINE EACH PLAYER'S BATTING AVERAGE, THEN CONVERT THE AVERAGE INTO A PERCENTAGE. (THE FIRST PROBLEM HAS BEEN DONE FOR YOU.)

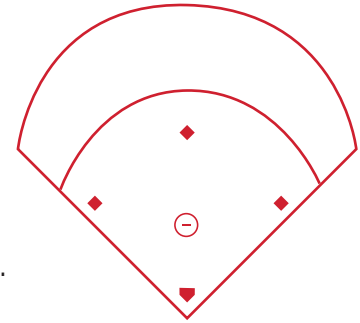
PLAYER (2017)	HITS	AT-BATS	AVERAGE	PERCENTAGE
Jason Rogers	677	2367	.286	28.6%
Austin Meadows	355	1182		
Anderson Feliz	377	1521		
Christopher Bostick	613	2329		
Barrett Barnes	313	1123		
Danny Ortiz	103	436		
Eury Perez	920	3055		



MATH AND BASEBALL

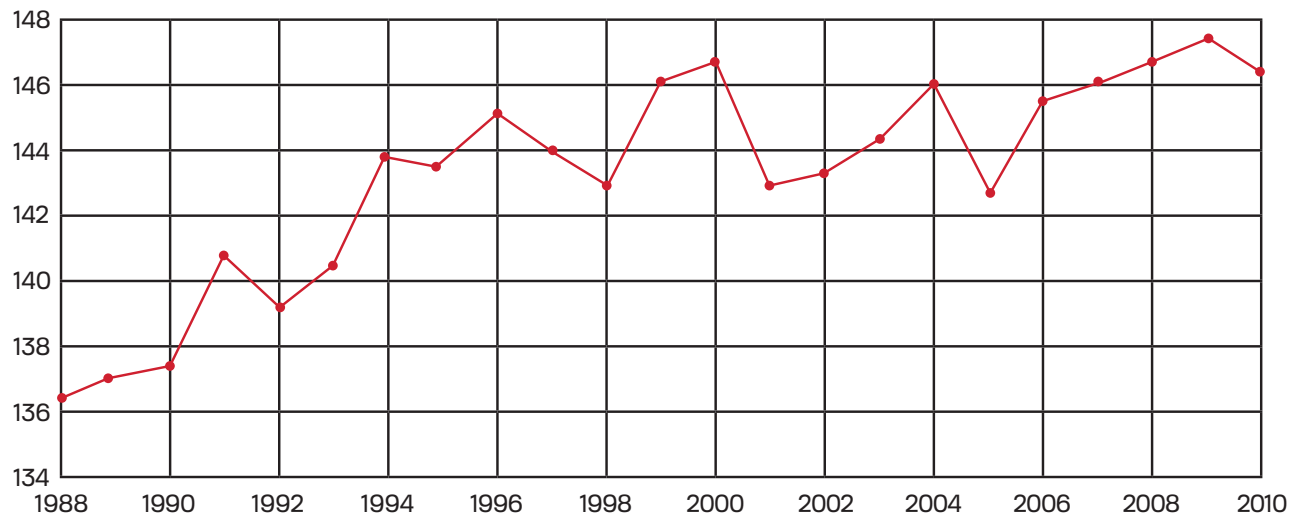
Activity 3:

The distance between bases is 90 feet. The pitcher's mound is 60 feet from home plate. The distance from home plate to left and right field is 325 feet, from home plate to center field is 400 feet, and from home plate to second base is about 127 feet.



1. Christopher Bostick is having an awesome game! He hit a single and two doubles. How many feet did he run?
2. Elias Diaz hit a ball into right field, and it bounced off the wall. How far did he hit the ball?
3. Austin Meadows hit a home run and two singles. How many feet did he run?

Below is a line graph showing the average number of pitches thrown during one baseball game from 1988 to 2010.



4. Multiply the average number of pitches per game in the year 2000 by the measurement from the pitcher's mound to home plate. On average, how many feet did a pitcher throw in a game during the 2000 season?
5. The catcher must throw each pitch back to the pitcher. Plus, a catcher throws out runners trying to steal bases at second and third base. The catcher throws an average of 10 balls to second base and an average of two balls to third base per game. How many feet does a catcher throw in one game?

CHALLENGE QUESTION 1: Figure out how many football fields is equal to the number of feet the catcher throws in one game.

CHALLENGE QUESTION 2: Using the data, calculate how many average feet the pitcher and catcher throw in eight games. How many miles do they throw?



OPENING HEARTS & MINDS THROUGH SPORTS



Baseball in *Inclusive Education*

Special Olympics Indiana is proud to partner with the Indianapolis Indians during the 2020 season as we continue our work using the power of sports like baseball and softball to open hearts and minds toward people with intellectual disabilities and to create inclusive communities across the state.

Indiana is home to the largest Special Olympics **Unified Champion Schools®** program in the world, with more than 260,000 students in over 650 Indiana schools actively involved in what we call the *#InclusionRevolution*.

On the field and off, we are working together to create a more inclusive world and to ensure that everyone has the right to play, learn, and live together. Join us and be a part of the Unified Generation!



Special Olympics
**Unified Champion
Schools®**



www.soindiana.org | www.generationunified.org



AVOIDANCE



- Disregard
- No acknowledgment
- No eye contact
- Isolation decided by others

SITUATIONAL FRIENDSHIP



- Shared environment
- Taking part in activities together
- Opportunity for new friendships

INCLUSION



- Mutual acknowledgment
- Integrated opportunities
- Appreciating differences

FEAR OF DIFFERENCE



- Lack of understanding
- Limited interaction
- Deliberate separation
- Bullying

TOLERANCE



- Passive interaction
- Service role
- Providing physical support
- Using phrases of pity or tokenism

EXCLUSION



- Denied access
- Isolation
- Feeling of rejection

MEANINGFUL INCLUSION



- Sense of belonging
- Defined by unique experiences
- Valuing individual identities

ACCEPTANCE



- Community of welcome
- Equal treatment
- Positive group interactions

LASTING FRIENDSHIP



- Ongoing interaction (e.g. Unified Sports®)
- Seeking out friendships
- Staying in touch



Inclusion in Action

- Using the **red** lineup card below, place the concepts on the previous page in order from best to worst.
- Find a partner and share the lineups you made.
- Together, use the **blue** lineup card to create an order that you both agree on.
- Finally, share your lineup with your friends and talk about how your perceptions may differ.

My Starting Lineup

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____

Our Starting Lineup

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____

EXTRA INNINGS



What is your definition of meaningful inclusion? Can you think of some examples of what this might look like at your school?



VISIT VICTORY FIELD

Plan a Trip to Victory Field

(Indiana Standards: 5.C.8, 4.AT.1, 5.AT.2, 5.AT.5, 4.SL.2.1, 5.SL.2.1, 4.W.4, 5.W.4, 4.SL.4.2, 5.SL.4.2)



It's time to go to Victory Field! Plan a trip for a group of four people.
Your trip package should include the following items:

Tickets, Food, Drinks and Souvenirs

Include details about the cost of your travel package and what's included by using the information provided on pages 10 - 12. Choose one of the below options to promote your travel package.

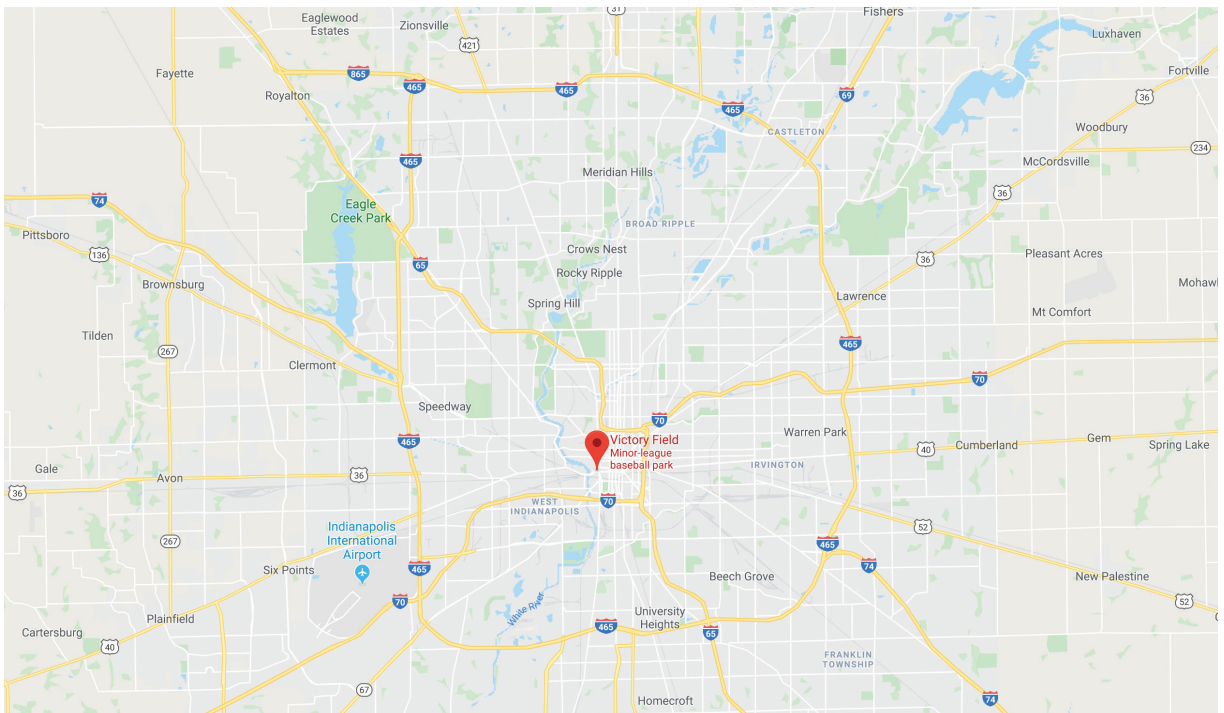
- Make a brochure using Microsoft Publisher or another computer program
- Create a Small Book using paper
- Plan a budget and brainstorm ideas about how you could earn money for the trip. Create a graph to map your savings plan from this day to game day.



VISIT VICTORY FIELD

Where is Victory Field?

501 W. Maryland St. Indianapolis, IN 46225



VISIT VICTORY FIELD

VICTORY FIELD TICKET PRICES

Tickets	Adults	14 & Under	Knot Hole Kids Club
Box Seats	\$17	\$16	\$4
Reserved Seats	\$13	\$12	Free
Lawn	\$11	\$10	Free

VICTORY FIELD SOUVENIR PRICES

Clothing	
Circle City T-shirt	\$10
Red Indians T-shirt	\$10
Gray Indians T-shirt	\$10
Black Indians T-shirt	\$10
3/4 Sleeve Baseball Shirt	\$15
Accessories	
Cotton Twill Hat	\$10
Indians Sunglasses	\$5
Indians Logo White Baseball	\$5
Mini Bat	\$5
Foam “#1” Finger	\$5



VISIT VICTORY FIELD

VICTORY FIELD FOOD AND BEVERAGE PRICES


Food	
Chicken Sandwich with Fries	\$9.00
Personal Pizza	\$7.50
Hamburger	\$4.50
Cheeseburger	\$4.50
Victory Dog	\$4.00
Corn Dog	\$3.50
Snacks	
Popcorn	\$5.00
Nachos	\$4.50
Pretzel	\$4.00
Chips	\$3.75
Candy (M&M, Sour Patch, etc)	\$3.75
Hot Tribe Tots	\$3.50
Rowdie's Ice Cream	
Dippin' Dots	\$4.50
Helmet Sundae	\$4.50
Bowl	\$3.75
Cone	\$3.75
Beverages	
McAlister's Famous Tea	\$4.75
Soda Fountain Drink	\$4.25
Soda Bottled	\$4.25
Water	\$3.75
Coffee	\$2.50




BASEBALL CARD STATISTICS

Teacher Information

This is a multi-step project and may require more than one class period.
Each student needs a copy of the entire activity.

**WILL CRAIG**
Indianapolis Indians™
BORN: Nov. 16, 1994
BIRTHPLACE: Johnson City, Tenn.
BATS: RIGHT THROWS: RIGHT
HEIGHT: 6'3" WEIGHT: 235





STATISTICS


YEAR TEAM	AVG	G	AB	R	H	2B	3B	HR	RBI	SB
2016 WV Black Bears (A-)	.280	63	218	28	61	12	0	2	23	2
2017 Bradenton (A+)	.271	123	458	59	124	26	1	6	61	1
2018 Altoona (AA)	.248	132	480	73	119	30	3	20	102	6
Minor Lg. Totals	.263	318	1156	160	304	68	4	28	186	9


Craig was selected by the Pirates as the 22nd overall pick in the 2016 First-Year Player Draft. He earned multiple honors during his 2018 campaign with Altoona, including Eastern League All-Star (mid and postseason), *MILB.com* Organization All-Star, EAS Player of the Week (June 18) and Curve MVP. He led Pirates minor leaguers with 20 home runs and was the first to reach 100 RBI since 2010.

www.INDYINDIANS.com

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**STEVEN BARON**
Indianapolis Indians™
BORN: December 7, 1990
BIRTHPLACE: Miami, Fla.
BATS: RIGHT THROWS: RIGHT
HEIGHT: 6'0" WEIGHT: 205





STATISTICS


YEAR TEAM	AVG	G	AB	R	H	2B	3B	HR	RBI	SB
2017 Tacoma (AAA)	.256	54	164	16	42	6	0	2	17	0
2017 Arkansas (AA)	.196	16	51	2	10	1	0	1	5	0
2018 St. Louis (NL)	.200	2	5	0	1	0	0	0	0	0
2018 Memphis (AAA)	.213	41	136	8	29	5	0	0	7	0
Minor Lg. Totals	.234	666	2337	248	546	121	13	29	260	39
Major Lg. Totals	.063	6	16	0	1	0	0	0	0	0


Baron signed a minor league contract with the Pirates on Dec. 17, 2018. He earned his first MLB hit on May 19, 2018 with St. Louis and made two appearances behind the plate with the Cardinals before spending the rest of the season with Triple-A Memphis. He was part of the Pacific Coast League and Triple-A National Championship Redbirds team.

www.INDYINDIANS.com

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**KE'BRYAN HAYES**
Indianapolis Indians™
BORN: Jan. 28, 1997
BIRTHPLACE: Tomball, Texas
BATS: RIGHT THROWS: RIGHT
HEIGHT: 5'10" WEIGHT: 200





STATISTICS


YEAR TEAM	AVG	G	AB	R	H	2B	3B	HR	RBI	SB
2015 WV Black Bears (A-)	.220	12	41	8	9	1	0	0	7	1
2016 WV Power (A)	.263	65	247	27	65	12	1	6	37	6
2017 Bradenton (A+)	.278	108	421	66	117	16	7	2	43	27
2018 Altoona (AA)	.293	117	437	64	128	31	7	7	47	12
Minor Lg. Totals	.285	348	1295	189	369	65	16	15	147	53

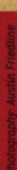
The Pirates first-round draft pick from 2015 is now the No. 2 prospect in the system. Hayes earned a 2018 Futures Game Selection and went 1-for-3 with a two-run home run as the starting third baseman for the U.S. Team. He won his second straight *MILB Rawlings Gold Glove* after posting a minor league best .978 fielding percentage at third base. Hayes was also named an Eastern League mid and postseason All-Star and an *MILB.com* Organization All-Star.

www.INDYINDIANS.com

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**DARIO AGRAZAL**
Indianapolis Indians™
BORN: December 28, 1994
BIRTHPLACE: Aguadulce, Panama
BATS: RIGHT THROWS: RIGHT
HEIGHT: 6'2" WEIGHT: 240





STATISTICS


YEAR TEAM	W-L	ERA	G	GS	SV	IP	H	BB	SO
2016 WV Power (A)	8-12	4.20	27	27	0	150.0	173	18	88
2017 Bradenton (A+)	5-3	2.91	14	13	0	80.1	73	10	63
2017 Altoona (AA)	0-1	4.50	1	1	0	4.0	3	2	2
2018 Altoona (AA)	5-6	3.99	15	14	0	85.2	91	13	52
Minor Lg. Totals	33-31	3.48	98	95	0	519.2	536	76	320


Agrazal signed as a non-drafted free agent with Pittsburgh on July 1, 2012. He was named as a Dominican Summer League midseason All-Star in 2013, New York-Penn League midseason All-Star in 2015 and a Florida State League midseason All-Star in 2017. He was on Panama's roster in the 2016 World Baseball Classic qualifiers and enters the 2019 campaign as Pittsburgh's No. 29 prospect by *Baseball America*.

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**MITCH KELLER**
Indianapolis Indians™
BORN: April 4, 1996
BIRTHPLACE: Cedar Rapids, Iowa
BATS: RIGHT THROWS: RIGHT
HEIGHT: 6'2" WEIGHT: 210





STATISTICS


YEAR TEAM	W-L	ERA	G	GS	SV	IP	H	BB	SO
2017 Bradenton (A+)	6-3	3.14	15	15	0	77.1	57	20	64
2017 Altoona (AA)	2-2	3.12	6	6	0	34.2	25	11	45
2018 Altoona (AA)	9-2	2.72	14	14	0	86.0	64	32	76
2018 Indianapolis (AAA)	3-2	4.82	10	10	0	52.1	59	22	57
Minor Lg. Totals	29-17	3.02	87	86	0	435.2	359	135	443


The Pirates No. 1 prospect was Pittsburgh's second-round selection of the 2014 First-Year Player Draft. He began the 2018 campaign with Altoona and went 9-2 with a 2.72 ERA (26er/86.0ip) before being promoted to Indy, leaving him fourth in Altoona's history with a 2.83 ERA among pitchers with at least 20 starts. He earned a Futures Game Selection and started for the U.S. Team at Nationals Park, where he threw one hitless inning and struck out two. To cap off the season, Keller finished first in the Pirates organization with 135 strikeouts, tied for third with 12 wins and fourth with a 3.48 ERA.

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**MONTANA DURAPAU**
Indianapolis Indians™
BORN: March 27, 1992
BIRTHPLACE: Deltona, Fla.
BATS: RIGHT THROWS: RIGHT
HEIGHT: 5'11" WEIGHT: 175





STATISTICS

YEAR TEAM	W-L	ERA	G	GS	SV	IP	H	BB	SO
2017 Altoona (AA)	2-2	1.49	27	0	14	36.1	28	14	39
2017 Indianapolis (AAA)	1-0	3.24	15	0	1	16.2	7	6	23
2018 Altoona (AA)	0-1	2.89	8	0	2	9.1	7	0	13
2018 Indianapolis (AAA)	1-1	6.33	11	0	0	21.1	21	10	25
Minor Lg. Totals	15-10	2.57	170	11	54	266.0	190	66	277

DuRapau was selected by the Pirates in the 32nd round of the 2014 First-Year Player Draft out of Bethune-Cookman College in Daytona Beach, Fla. He was an Eastern League midseason All-Star in 2017 and began his 2018 season in Altoona, where he pushed his all-time saves record with the Curve to 38. He went 1-1 in Indianapolis for the last two months of the season.

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BASEBALL CARD STATISTICS

Instructions

On the back of the baseball card is the team name, player's name and statistics. Each brand of cards designs the information on the card differently. The number on the back of the card is a numeral between one and a few hundred. This indicates the card is part of a set.

The year the card was made is found near the bottom of the card. The back of the card includes information about the player's position, player's height and weight, BATS (Left or Right), and THROWS (Left or Right). It also shows batting statistics.

Look at the card. The first row shows abbreviated names for statistics. The next row or rows show statistics for year(s). It shows a date and the player's team for that year. Career statistics are at the bottom of those rows.

STATISTICS FOR BATTER

YR	TEAM	AVG	G	AB	R	H	2B	3B	HR	RBI	SB
	Career										

AVG- Batting Average **G** – Games **AB** – At-Bats **R** – Runs **H** – Hits **2B** – Doubles **3B** – Triples
HR – Home Runs **RBI** – Runs Batted In **SB** – Stolen Bases

STATISTICS FOR PITCHERS

YR	TEAM	W	L	ERA	G	GS	SV	IP	H	BB	K
	Career										

W – Wins **L** – Losses **ERA** – Earned Run Average **G** – Games Pitched **GS** – Games Started
SV – Saves **IP** – Innings Pitched **H** – Hits Given Up **BB** – Walks **K** – Strikeouts



BASEBALL CARD STATISTICS

Why are batter statistics important?

Batter stats are important to the player, coaches, pitchers and scouts. Statistics help the player analyze his strengths and weaknesses per game and/or over many games played.

The coach uses statistics to compare batters' strengths and performances to decide which players play that day.

The pitcher uses batter statistics to decide which pitches to throw to the batter.

Scouts use statistics to decide if a player gets moved to a different team.

Why are pitcher statistics important?

Pitcher stats are important to the pitcher, coaches and scouts. Statistics help the pitcher analyze his pitching strengths and weaknesses per game and/or over many innings pitched.

The pitching coach uses pitcher statistics to compare a pitcher's performance to other pitchers, create a regimen for improving a pitcher's talent, and to make a pitching rotation for upcoming games.

Scouts use pitching statistics to look for good pitchers to add or move them to a team.

Remember, the Indianapolis Indians are a farm club for the Pittsburgh Pirates. Every Indianapolis Indians player sets a goal to move to the major leagues.



BASEBALL CARD STATISTICS

Step One: Reading a Baseball Card

1. Tools for the activity: Baseball Card examples, Calculator
2. Each student enters (3) batter statistics and (3) pitcher statistics from the baseball cards into the form below.
3. Discuss and compare the player card statistics with the others in the group.

BATTER STATS

Player Name:			Position:			
	HR	RBI	R	SB	AVG	
Year						
Career						

Player Name:			Position:			
	HR	RBI	R	SB	AVG	
Year						
Career						

Player Name:			Position:			
	HR	RBI	R	SB	AVG	
Year						
Career						

BASEBALL CARD STATISTICS

PITCHER STATS

Player Name:			Throws L or R:		
	W	L	ERA	IP	K
Year					
Career					

Player Name:			Throws L or R:		
	W	L	ERA	IP	K
Year					
Career					

Player Name:			Throws L or R:		
	W	L	ERA	IP	K
Year					
Career					

BASEBALL CARD STATISTICS

Step Two: Data Collection

1. Compile the information from each player in the table below
Note: Accuracy is VERY important.
Optional: Use Microsoft Excel

BATTER CAREER STATS					
Player Name	HR	RBI	R	SB	AVG

PITCHER CAREER STATS					
Player Name	W	L	ERA	IP	K



BASEBALL CARD STATISTICS

Step Three: Sorting Players According to Top Stats

Use the data from the tables to complete the Top Players Form below. Work together as a group to rank the top 3 batters and pitchers in **each** category. Each person must complete the Top Players Form.

BATTERS ACCORDING TO TOP STATS	
HR	
1	
2	
3	
RBI	
1	
2	
3	
R	
1	
2	
3	
SB	
1	
2	
3	
AVG	
1	
2	
3	



BASEBALL CARD STATISTICS

PITCHERS ACCORDING TO TOP STATS	
W	
1	
2	
3	
L	
1	
2	
3	
ERA	
1	
2	
3	
IP	
1	
2	
3	
K	
1	
2	
3	



BASEBALL CARD STATISTICS

The Pittsburgh Pirates Called!

They need a report on the TOP batter and TOP pitcher immediately!

Directions: Each student prepares a report. Your report is very important. The Pirates read EVERY report about the Indianapolis Indians batters and pitchers to decide who gets called up to the big leagues.

REPORT PREPARED BY:

Your report must include information for the TOP batter and TOP pitcher. Repeat the information for each player.

1. Player Name
2. What stats did you use to select the player?
3. Write 2-5 sentences about why you chose this player.
4. Don't be sloppy. This report goes to the big leagues. They expect correct punctuation, capitalization and neat handwriting.



BeWaterWise™



QUESTIONS

1. According to the Biz of Baseball, April has an average of 12 rainouts per year. If there are 40 rainouts on average during an entire season, what percentage of rainouts occur in the month of April?

2. A player must drink at least 16 oz of water before the first pitch and 6 oz for every 2 innings in order to stay hydrated during a game. If there are 9 innings in one baseball game, how many oz of water should a player drink in order to stay hydrated all 9 innings?

3. There are 29 players on the Indians team. Each takes a 6 minute shower after a game. If the shower uses 2.5 gallons of water per minute, how many gallons of water are used for when the team showers after a game?

4. How many gallons of water would the team save if each player decreased his shower time by 1 minute?

CHANGEUP YOUR LAWN CARE ROUTINE.

A good pitcher works with the catcher to pick the right pitch to get a strike. At home, there are things you can do with your parents to make your family's lawn look great while helping conserve water and save.

- **WATER THE LAWN ONLY 2X A WEEK**
- **WATER EARLY IN THE MORNING: 4AM – 7AM**

Whether it's reprogramming an automatic sprinkler system or adjusting the way your family cares for the lawn, changing up the routine can make a big difference all season long!



BeWaterWise™



THANK YOU NOTES

Why Write a Thank You Note?

(Indiana Standards: 2.RV.1, 2.RV.2.1, 2W.3.3)

Writing thank you notes is very important. People do not know how you feel unless you tell them, and a thank you note is one way to do it. For example, there are many people who arranged for you to go on a field trip to Victory Field. Your teacher(s) ask the principals, the principals ask the school board members if students can go on field trips and sometimes there are people who help pay for the trip. Bus drivers take you safely to your destination. The Indianapolis Indians staff made sure that the field looked beautiful, the venue was clean, food was ready, and everything was set for a wonderful day at the ballpark.

Writing a thank you note lets people read your words and helps them know how much you appreciated your field trip experience. When you write a thank you note, think about the person to whom you are writing. Think about what details you want to put into the thank you note. You might write about something that you saw, something that made you laugh, the information you learned, or the fun you had with friends. You could let the person know if you would like to go on a field trip again.

There are two styles of thank you notes: a formal business letter and informal notes. The formal business style of writing requires setting up the format in a specific manner, which you learned in earlier grades. This format includes placing the name and position of the person to whom you are writing, the place of business, and business address at the top of the page. You also use a block format or two-space indentation at the beginning of each paragraph, and the closing is placed in a specific area of the letter. The informal style of writing requires a salutation, indenting each paragraph and a closing.

Of course, either thank you note style requires proper grammar and correct spelling. Proper grammar and correct spelling tells the reader that you care about your words and want to make a good impression.



THANK YOU NOTES

Formal Thank You Example

Business Name
Street Address
City, State, ZIP Code

Dear Mr. or Ms. (Name of Person),

(INDENT) Paragraph One

(INDENT) Paragraph Two

Sincerely, (CLOSING)
Your Name (SIGN & PRINT ON PAPER)

Informal Thank You Example

Informal notes are written on small thank you notes or plain paper.

Dear (Name of Person),

(INDENT) Paragraph One

(INDENT) Paragraph Two

Sincerely,
Your Name

Activity

After you go to an Indians game, tell Rowdie about how much fun your class had. Write a thank you note to tell Rowdie about your day at Victory Field.



DECIMALS AND BASEBALL ANSWER SHEET

ACTIVITY 1: CONVERT EACH DECIMAL TO A PERCENTAGE AND EACH PERCENTAGE TO A DECIMAL

PLAYER (2017)	AVERAGE	PERCENTAGE
Elias Diaz	.258	25.8%
Gift Ngoepe	.232	23.2%
Max Moroff	.255	25.5%
Erich Weiss	.280	28.0%
Jacob Stallings	.237	23.7%

ACTIVITY 2: DETERMINE EACH PLAYER'S BATTING AVERAGE, THEN CONVERT THE AVERAGE INTO A PERCENTAGE. (THE FIRST PROBLEM HAS BEEN DONE FOR YOU.)

PLAYER (2017)	HITS	AT-BATS	AVERAGE	PERCENTAGE
Jason Rogers	677	2367	.286	28.6%
Austin Meadows	355	1182	.300	30.0%
Anderson Feliz	377	1521	.248	24.8%
Christopher Bostick	613	2329	.263	26.3%
Barrett Barnes	313	1123	.279	27.9%
Danny Ortiz	103	436	.236	23.6%
Eury Perez	920	3055	.301	30.1%

ACTIVITY 3

1. 450 feet – (90 + 180 + 180)

2. 325 feet

3. 540 feet – (360 + 90 + 90)

4. 8,820 feet per game – (147 x 60 feet)

5. 10,270 feet per game – (8,820 feet + 1,270 feet + 180 feet)

Challenge Question 1: 34.23 football fields

Challenge Question 2: 8,820 feet per game x 8 = 13.36 miles

10,270 feet per game x 8 = 15.56 miles (1 mile = 5,280 feet)

