

LEXINGTON LEGENDS

ACTIVITY BOOK STEM EDITION!



LexmarkTM



HealthCare
KENTUCKY CHILDREN'S
HOSPITAL

FIRST, LET'S START OUT WITH SOME FUN STEM FACTS ABOUT BASEBALL!

THERE ARE 108 STITCHES ON A BASEBALL

THE FURTHEST HOMERUN EVER HIT WENT 575 FEET! BABE RUTH HIT IT IN 1921

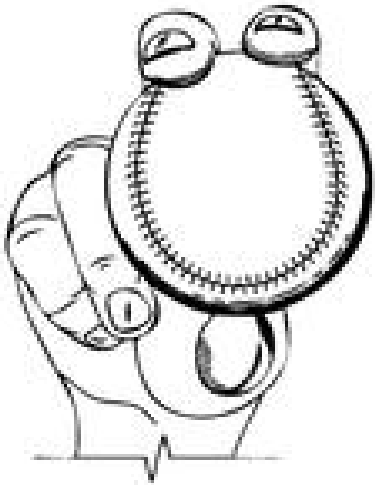
**ON AVERAGE, 10 DOZEN BASEBALLS ARE USED EACH GAME. IF A DOZEN = 12.
HOW MANY BASEBALLS IS THAT?**

**MAJOR LEAGUE BASEBALL AND MINOR LEAGUE BASEBALL BATS ARE MADE
FROM WOOD. MOST BATS ARE MADE FROM ASH. BUT SOME BATS ARE MADE
FROM MAPLE, HICKORY, OR BAMBOO**

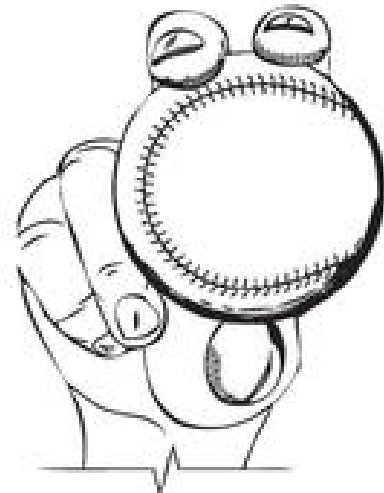
**ALL NEW MAJOR LEAGUE AND MINOR LEAGUE BASEBALLS ARE RUBBED WITH
THE SAME MUD THAT COMES FROM NEW JERSEY, IN THE DELAWARE RIVER**

**EVERY TIME YOU SEE A PLAYER FIELD, RUN, HIT OR PITCH AT A MAJOR LEAGUE
OR MINOR LEAGUE BASEBALL GAME, THEY ARE BEING ANALYZED BY STATCAST.
A PROGRAM THAT HELPS PLAYERS GET BETTER IN THOSE CATEGORIES!**

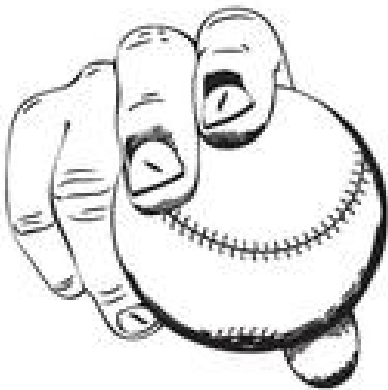
LOOKING AT DIFFERENT PITCH GRIPS



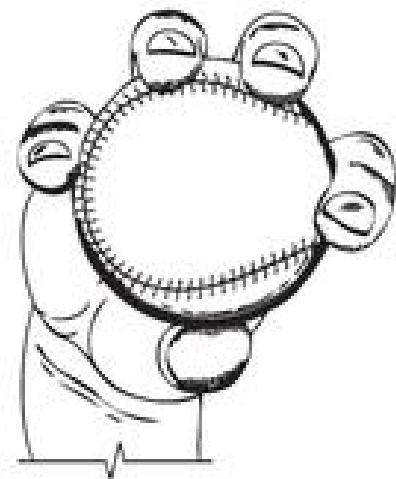
2-SEAM FASTBALL



4-SEAM FASTBALL



CURVEBALL



CHANGE-UP

TECHNOLOGY YOU'LL SEE AT A BASEBALL GAME

RADAR GUN



A RADAR GUN IS USED TO DETERMINE HOW FAST THE PITCHER THROWS THE BASEBALL.

THE FASTEST PITCH EVER RECORDED WAS BY AROLDIS CHAPMAN IN 2010. HE THREW 105.1 MILES PER HOUR!

SCOREBOARD

	BALL	1	2	3	4	5	6	7	8	9	10	TOTAL
VISITOR	0	1	0	0	0	0	2	0	0			3
HOME	0	0	0	0	0	4	0	0	3			7

THE SCOREBOARD KEEPS TRACK OF HOW MANY RUNS ARE SCORED, HOW MANY HITS THERE ARE AND HOW MANY ERRORS HAVE BEEN COMMITTED.

THE SCOREBOARD AT WHITAKER BANK BALLPARK IS CONTROLLED BY A PERSON IN THE PRESS BOX.

ENGINEERING WHAT IS NOW WHITAKER BANK BALLPARK

- CONSTRUCTION BEGAN ON THE LEGENDS BALLPARK ON FEBRUARY 7TH, 2000. IT OPENED ON APRIL 9TH, 2001

FIELD SIZE

- LEFT FIELD - 320 FEET

- CENTERFIELD - 401 FEET

- RIGHT FIELD - 318 FEET

- WHEN THE LEGENDS BALLPARK FIRST OPENED, THE GRASS WAS BLUEGRASS. CURRENTLY THE FIELD IS MADE UP OF A MIX OF BERMUDA GRASS AND RYE GRASS

- THE BALLPARK SITS ON 8 ACRES (NOT INCLUDING THE PARKING LOTS)

- IN 2010 THE LEGENDS ADDED A SECOND VIDEO BOARD TO LEFT-CENTER FIELD

NUMBERS THAT YOU WILL SEE AT A BASEBALL GAME

3 STRIKES TO STRIKE A BATTER OUT

3 OUTS EVERY HALF INNING

4 BALLS TO WALK A BATTER

9 INNINGS IN A GAME

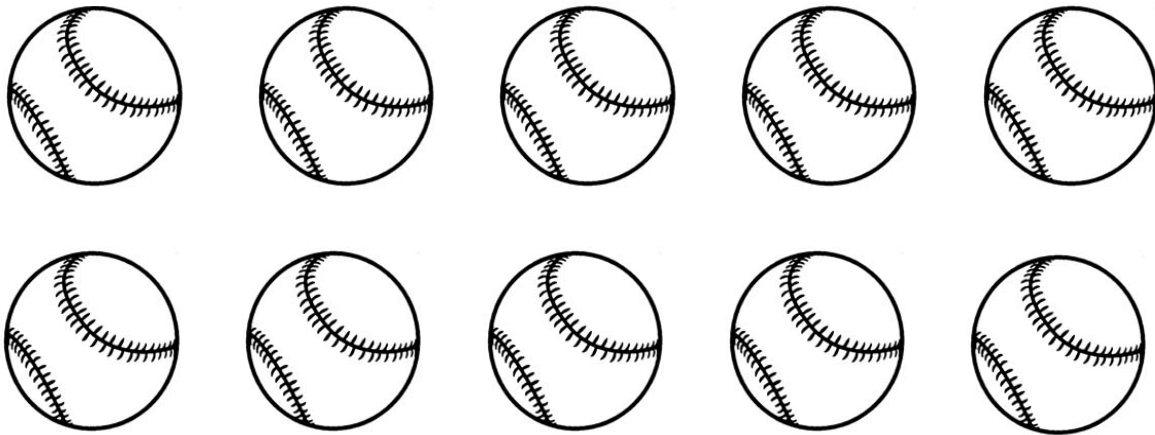
9 BATTERS IN A LINEUP

**60 FEET AND 6 INCHES BETWEEN THE PITCHERS
MOUND AND HOME PLATE**

90 FEET BETWEEN EACH BASE

COUNT THE BASEBALLS!

COUNT THE NUMBER OF BASEBALLS BELOW



I COUNTED _____ BASEBALLS

**HOW MANY BASEBALLS WOULD THERE BE, IF YOU
DOUBLED THEM?**

THERE WOULD BE _____ BASEBALLS

WHAT IS THE FINAL SCORE OF THIS BASEBALL GAME?

INNING	1	2	3	4	5	6	7	8	9
SUNS	2	0	0	1	1	0	0	3	0
LEGENDS	0	1	1	0	2	1	0	1	2

FINAL SCORE

SUNS

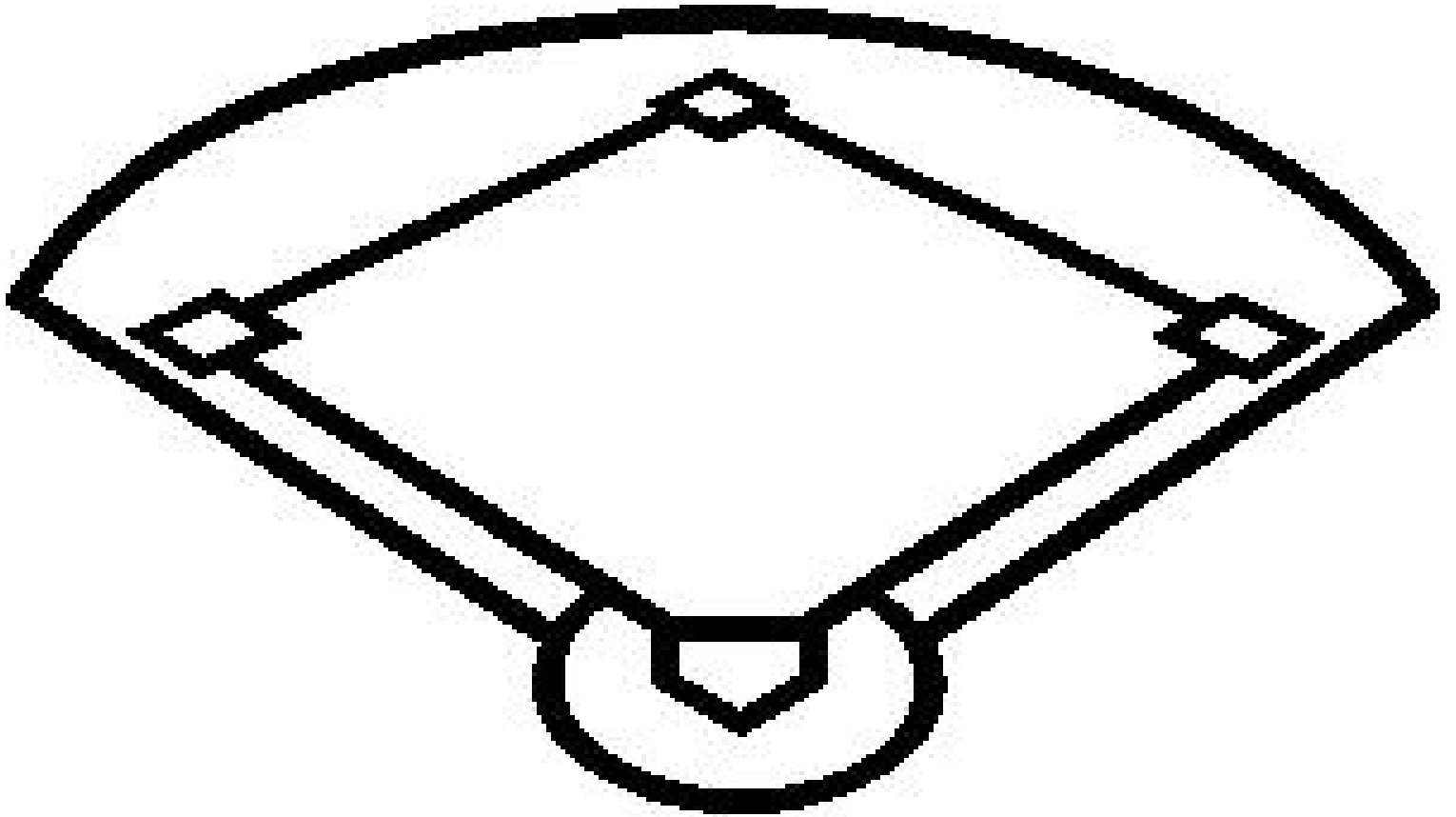
LEGENDS

WHO WON?

MOVE AROUND THE BASES

WITH MATH!

FOR EACH CORRECT ANSWER, MOVE YOUR BATTERS ONE BASE!
USE WHATEVER HOUSEHOLD ITEMS YOU'D LIKE AS BATTERS!



$$\begin{array}{r} + 4 \\ 7 \\ \hline \end{array}$$

$$\begin{array}{r} + 0 \\ 0 \\ \hline \end{array}$$

$$\begin{array}{r} + 6 \\ 2 \\ \hline \end{array}$$

$$\begin{array}{r} + 3 \\ 9 \\ \hline \end{array}$$

$$\begin{array}{r} + 5 \\ 5 \\ \hline \end{array}$$

$$\begin{array}{r} + 3 \\ 2 \\ \hline \end{array}$$

$$\begin{array}{r} + 1 \\ 2 \\ \hline \end{array}$$

$$\begin{array}{r} + 4 \\ 5 \\ \hline \end{array}$$

$$\begin{array}{r} + 9 \\ 8 \\ \hline \end{array}$$

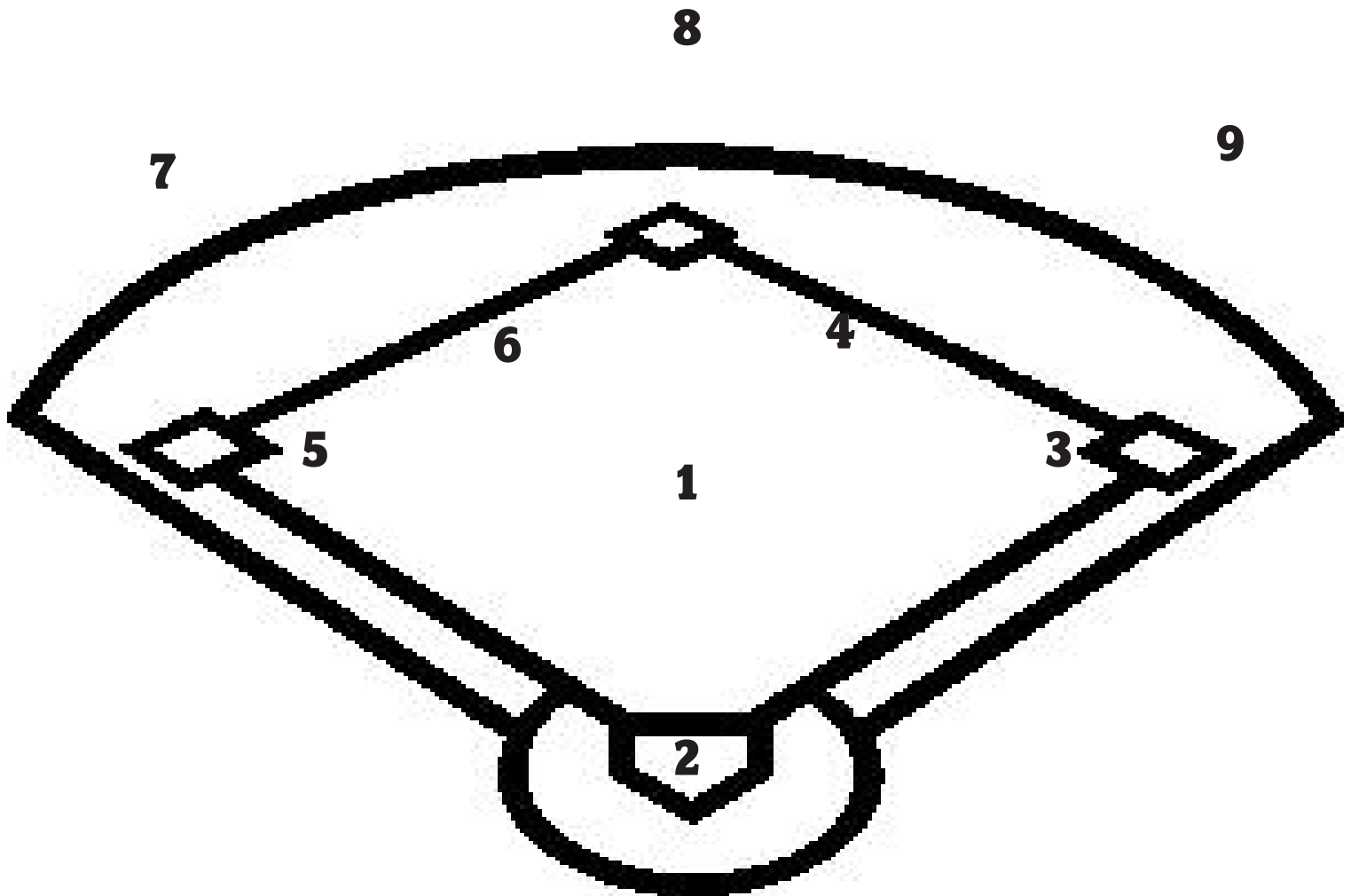
$$\begin{array}{r} + 6 \\ 6 \\ \hline \end{array}$$

$$\begin{array}{r} + 1 \\ 9 \\ \hline \end{array}$$

$$\begin{array}{r} + 9 \\ 9 \\ \hline \end{array}$$

HOW TO SCORE A BASEBALL GAME

EVERY POSITION ON THE FIELD HAS A NUMBER ASSIGNED TO THEM. NOT A NUMBER ON THEIR JERSEY, A NUMBER TO REPRESENT THEIR POSITION.



EVERY PLAY BECOMES A SEQUENCE OF NUMBERS.

FOR EXAMPLE, A GROUND BALL IS HIT TO THE 3RD BASEMAN, THEY THROW IT TO THE 1ST BASEMAN TO GET THE OUT! THAT'S 5-3

HOW TO SCORE A BASEBALL GAME CONTINUED

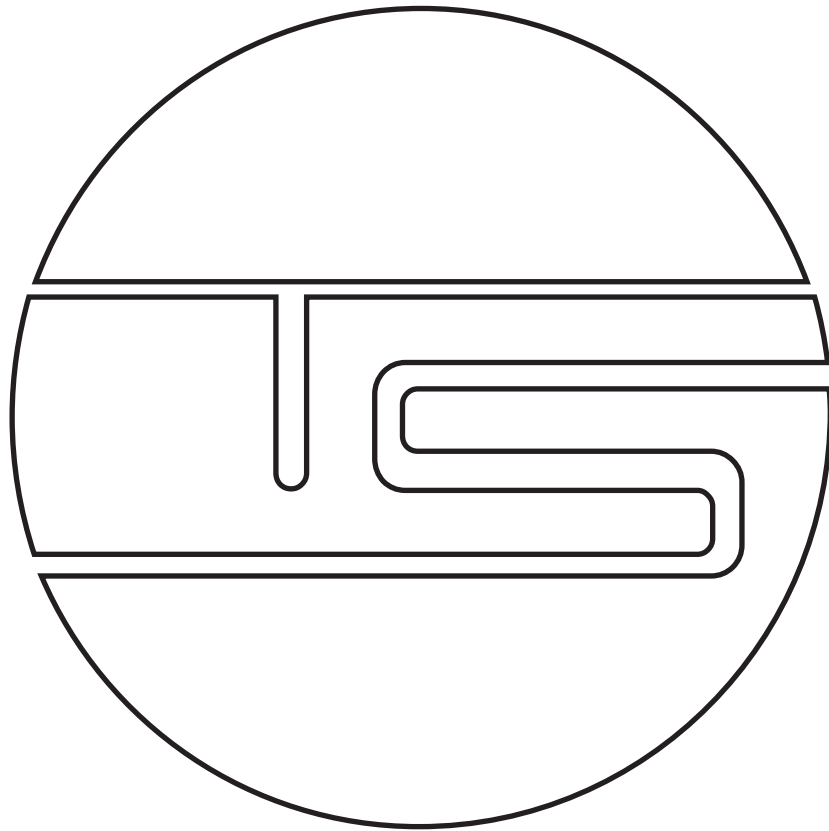
- 1 = PITCHER**
- 2 = CATCHER**
- 3 = 1ST BASEMAN**
- 4 = 2ND BASEMAN**
- 5 = 3RD BASEMAN**
- 6 = SHORTSTOP**
- 7 = LEFT FIELDER**
- 8 = CENTERFIELDER**
- 9 = LEFT FIELD**

NOW YOU TRY...

- A GROUND BALL IS HIT TO THE 2ND BASEMAN AND HE THROWS IT TO THE 1ST BASEMAN TO GET THE OUT!

- A FLY BALL IS HIT TO THE CENTERFIELDER AND HE CATCHES IT!

- HERE'S A TOUGH ONE! DOUBLE PLAY! A GROUND BALL IS HIT TO THE SHORTSTOP, HE THROWS IT TO THE 2ND BASEMAN TO GET ONE OUT, AND THEN THE 2ND BASEMAN THROWS IT TO THE 1ST BASEMAN FOR THE SECOND OUT!



TOP SEED

TENNIS CLUB

GO LEGENDS!