



Baseball Scorekeeping 102

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Scorekeeping 101/102

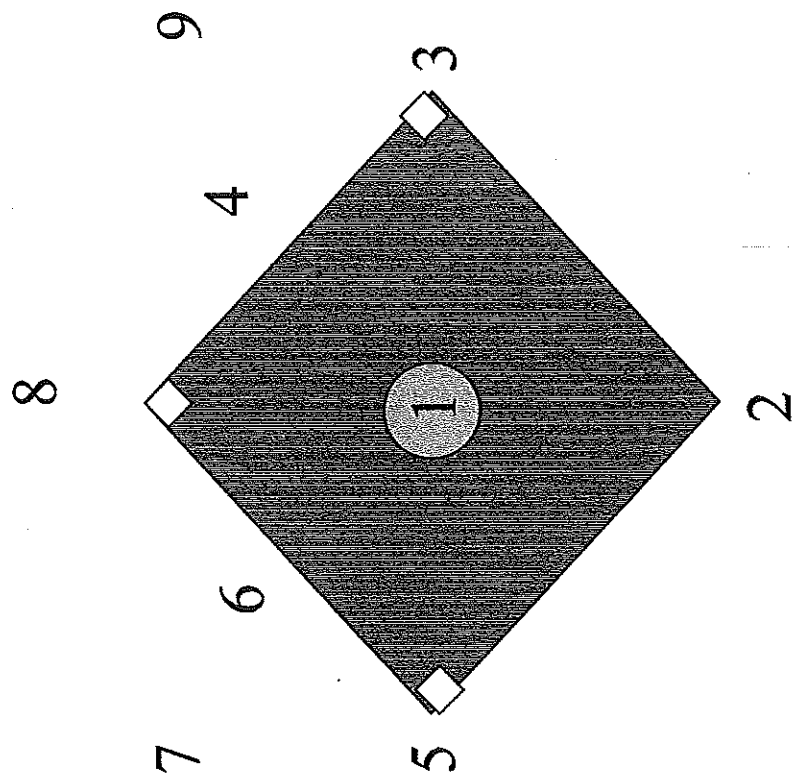
Review

- Who is the scorekeeper?
 - The person responsible for recording the events of the game.
 - Calculating Statistics (102)
 - Home Team is the Official Scorekeeper
 - Visiting Team Scorebook is UNOFFICIAL
- What will I need to keep score
 - The Score Book
 - A Sharp Pencil (.05 mechanical pencil works best) with an eraser



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Defensive Fielding Positions



- 1 = Pitcher
- 2 = Catcher
- 3 = 1st Baseman
- 4 = 2nd Baseman
- 5 = 3rd Baseman
- 6 = Short Stop
- 7 = Left Fielder
- 8 = Center Fielder
- 9 = Right Fielder

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Abbreviations



• 1B = Single	• PB = Passed Ball
• 2B = Double	• WP = Wild Pitch
• 2B(GR) = Ground Rule Double	• PO = Picked Off (Jr. / Sr. Ball Only)
• 3B = Triple	• - Pitch Out
• HR = Home Run	• Sac = Sacrifice Bunt (No at Bat)
• BB = Base on Balls (Walk)(No at Bat)	• Sac-F = Sacrifice Fly (No at Bat)
• IW = Intentional Walk (IBB) (No at Bat)	• Bnt = Bunt
• HBP = Hit by Pitch (No at Bat)	• AB = At Bat
• SB = Stolen Base	• H = Hit(s)
• CS = Caught Stealing	• R = Runs
• INF = Infield Hit	• RBI = Run Batted In
• E = Error	• GWRBI = Game Winning RBI
• TO = Tag Out	• SO = Strike Out
• TU = Tag up	• Colored in Diamond = Run Scored
• FC = Fielders Choice	• ER = Earned Run
• SFC = Sacrifice Fielders Choice	• ERA = Earned Run Average
• K = Strike Out Swinging (KS)	• IF = Infield Fly
• = Strike Out Looking	• IP = Innings Pitched
• Kb = Strike Out on 3 rd Strike (foul bunt)	• TAG = Runner tagged out
• Blk = Balk (Jr. / Sr. Ball Only)	• A = Assist
• L = Line Drive	• BV = Basepath Violation
• F = Fly Ball	• DI = Defensive Indifference
• U = Unassisted	• FO = Force Out
• SV = Save	• I or CI = Defensive or Catchers Interference
• OBS = Obstruction	
• OBB = Out of the Batters Box	
• SI = Spectator Interference	
• LOB = Left ob Base	





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- Arrive 15 minutes early
- Record the team line ups (Batting Order) in the scorebook
 - Player Name and Jersey Number
 - Last Names preferred (First Name – OK)
 - Position Numbers— Optional
- Introduce your self to the umpire (if they don't do it first)
- Record Official Start Time of Game
 - From the Umpire!
 - Confirm with the visiting team



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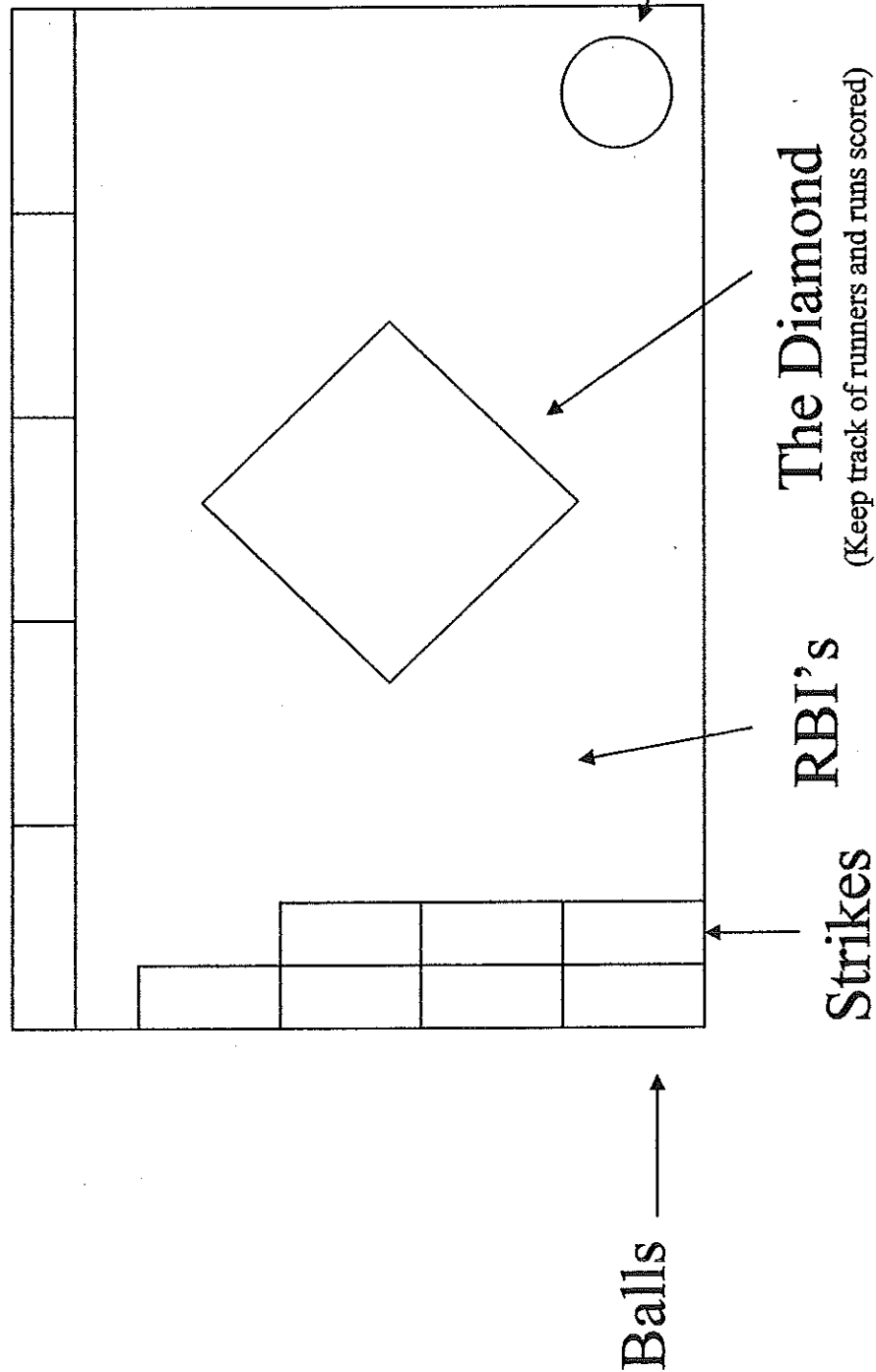
"The Basics"

- What is the scorekeeper responsible for?
 - The Count – Balls & Strikes
 - You may be asked by the Umpire
 - The Position of the Runners
 - The Outs Recorded
 - The Runs Scored
 - Colored in Diamond
 - The Pitch Count (With Assistance) by Pitcher (102)
 - Includes foul balls
 - Includes pitches thrown for Intentional Walks (RC – 2008)
 - Does not include warm up pitches between innings or before the game
 - The Game Totals
 - Final Score (101) Individual Player Stats – AB, H, R, RBI, HR, BB, SO (102)
 - Pitch count totals by Pitcher
 - Managers Signatures on the Pitching Eligibility Form



“The Scoring Box”

1B	2B	3B	HR	BB
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“Scoring Decisions”

- Hit or Error?
 - Not every ball put in play is a hit!
 - Not every ball that hits a defenders glove is an error!
- Hit
 - A batted ball that allows the batter/runner to reach base safely (without the defense committing an error)
- Error
 - A batted ball that should have resulted in a put out by way of “Ordinary Effort” on the part of the fielding Player (Defense)
- Fielders Choice
 - When a defender could have “put out” the batter/runner but chose to “put out” another runner instead
 - Time at Bat / Not a hit



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"Miscellaneous"

- What happens if I'm not sure about the count on the batter?
 - Ask the Umpire
 - Compare with the Visitors scorebook
- What happens when more than 12 players come to the plate in an inning
 - Continue in the next column of scoring boxes and re-title the balance of the inning #'s
 - Check Local Rules for exceptions
- Substitutions
 - Won't happen during the regular season, we bat the bench at ALL levels which allows for free substitutions
- Pitching
 - Verify the Pitch Count each ½ inning with the visiting scorekeeper
- Score
 - Verify the each ½ inning with the visiting scorekeeper

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Now let's practice some scoring!

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“Definitions & Calculating Stats”

- Batting Average
- OBP – On Base Percentage
- SP – Slugging Percentage
- Earned Run Average
 - Earned Run



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“Batting Average Calculation”



Batting Average
(total hits) / (official at-bats)

$$25 / 58 = .431 \text{ BA}$$

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“On Base Percentage Calculation”



On-base Percentage

(hits + walks + hits by pitch) / (at-bats +
walks + hits by pitch + sacrifice flies)

$$(15 + 6 + 2 = 23) / (28 + 6 + 2 + 3 = 39) = .589 \text{ OBP}$$

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“Slugging Percentage Calculation”



$$\frac{\text{Slugging Percentage}}{(\text{total bases}) / (\text{at-bats})}$$

$$(19 \text{ bases} / 29 \text{ at-bats} = .655 \text{ SP})$$

- The number of total bases only includes those obtained from hits; not from errors, walks, or interference calls.



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“Earned Run Definition”

❖ In baseball, an **earned run** is any run for which the pitcher is held accountable (i.e., the run scored as a result of normal pitching, and not due to a fielding error or a passed ball). All others are **unearned runs**. An error made by the pitcher in fielding his position is counted the same as an error by any other player.

❖ To determine whether a run is earned, the **official scorer** must reconstruct the inning as it would have occurred without the errors (for purposes of this rule, the "errors" also include passed balls). The benefit of the doubt is always given to the pitcher in determining which bases would have been reached by errorless play.

❖ A run is counted as unearned when:

- A batter reaches base on an error, and later scores a run in that inning.
- A batter or runner advances one or more bases on an error and scores on a play that would otherwise not have provided the opportunity to score.
- A baserunner scores after the third out would have been made.

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“Earned Run Average”



Earned Run Average

(earned runs x regulation innings in game) / (innings pitched)

(6, 7, 9)

$$(10\text{ER} \times 6) = 60) / (20) = 3.00 \text{ ERA}$$

$$(10\text{ER} \times 7) = 70) / (20) = 3.50 \text{ ERA}$$

$$(10\text{ER} \times 9) = 90) / (20) = 4.50 \text{ ERA}$$

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“Helpful Websites”



- Baseball Almanac
 - baseball-almanac.com
- Wikipedia - Statistics
 - http://en.wikipedia.org/wiki/Baseball_statistics
- Scoring Rules
 - http://mlb.mlb.com/mlb/official_info/official_rules/official_scorer_10.jsp
- Guide to Scoring
 - <http://people.iarc.uaf.edu/~cswingle/baseball/tutorial.phtml>

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Questions?

Little League -- Baseball Game Pitch Log

Team _____

Opponent _____

Date _____

Pitcher's Name	Uniform Number	League Age	X Cross out the number as that pitch is thrown.		O Circle the number for the last pitch thrown in each half inning.	
			1	2	3	4
			1	2	3	4
			5	6	7	8
			9	10	11	12
			13	14	15	16
			17	18	19	20
			21	22	23	24
			25	26	27	28
			29	30	31	32
			33	34	35	
			36	37	38	39
			40	41	42	43
			44	45	46	47
			48	49	50	51
			52	53	54	55
			56	57	58	59
			60	61	62	63
			64	65	66	67
			68	69	70	
			71	72	73	74
			75	76	77	78
			79	80	81	82
			83	84	85	86
			87	88	89	90
			91	92	93	94
			95	96	97	98
			99	100	101	102
			103	104	105	
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			36	37	38	39
			40	41	42	43
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			52	53	54	55
			56	57	58	59
			60	61	62	63
			64	65	66	67
			68	69	70	
			71	72	73	74
			75	76	77	78
			79	80	81	82
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Pitching eligibility varies by the league age of the pitcher, which is the pitcher's age as of May 1 of the current year. The pitching eligibility regulation is Regulation VI (see current rule book for details). A blank electronic version of this form is available for free download at www.littleleague.org.

Division _____ Team _____

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