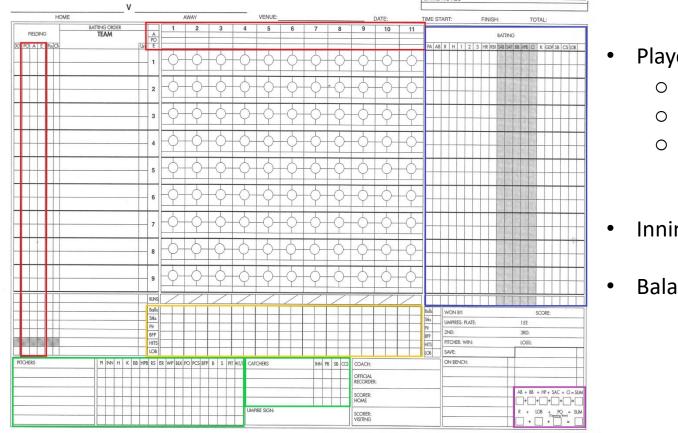
Introduction

- This module introduces statistics. It will describe how to record the different types of statistics in the scorebook.
- These statistics can then be used in various formulas to generate percentages and averages.
- All statistics are recorded as a number. While they can be completed after the game has ended, some are easier to record during the game. Find what works for you with regards to which statistics to do during the game and the order that you record them in.
- For the player, pitcher and catcher statistics that can be recorded after each play, use a small mark in the required column. These can then be tallied at the conclusion of the game. Double-check against the plays to ensure they are correct – marks can be easily missed or put in the wrong place.
- Care needs to be taken when a player changes fielding positions or is substituted to ensure the statistics are recorded against the correct player.

Scorebook

The scorebook has a number of different areas for the statistics to be recorded. Each player has separate statistics as a batter, fielder, pitcher or catcher. Some pitching statistics are also recorded per inning and others are used to balance the scorebook.



- Player statistics:
 - batting (BLUE)
 - fielding (RED)
 - pitcher and catcher (GREEN)
- Inning (YELLOW)
- Balancing (PURPLE)

Batting

ΡΑ	Plate Appearanc	e	A complete If the third PA.					there is no		PA AB	R H	1	2 3	HRF		ting Saf Be	B HPB	CI K	G	OP SB	CS LO	в
AB	At Bat		When the k to make a p If the batte pitch, sacrif interferenc (play in the	olay. r reac fice (b e or o	ches 1 st ount or obstruc	^t base b fly), ca tion*, t	by a w atcher there	S														
R	Run		When the r	unne	r score	S				Sma tota	-	-	-					-	со	lun	าท	
н	Hit		When the b safe hit	oatter	reache	es at le	east 1 ^s	^{it} base on a														
1	Single	2	Double	3	Triple		HR	Home Run	Ι.													
RBI	Runs Batte In	d	When the k (except on				unnei	r home		К	Str	rike	eou	t		typ tter						
			If the batte	r hits	a hom	e run, o	count	an RBI for all		GDP	Gr	ou	nds	ou	it in	to a	Do	bub	le-	Pla	y	
			runners and	d the	batter.				1	SB	Sto	ole	n B	ase								
SAB	Sacrifice	e Bu	nt	SA	\F	Sacrifi	ice Fly	,	L	CS	Са	ugl	ht S	itea	aling	3						
BB	Walk			HP	РВ	Hit By Pitch				LOB	-	ft c	n			Vhe		-		-		
СІ	Catcher	rs Int	erference, C	bstru	ction*						Ва	se				afely nd c	-					ne

* batter reaching $\mathbf{1}^{st}$ base only

Batting – cont.

Batting statistics are recorded for each player in line with their name in the batter number box.

If there are more than 2 players in the same batter number box, you can draw a line to separate them if needed.

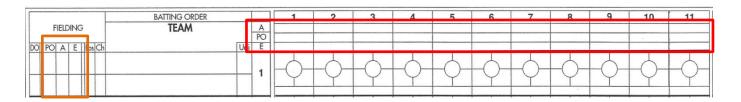
Work up the batter number box in the order the players entered the game. Some substitutions may not bat – write DNB in the PA+AB columns.

		BATTING ORDER TEAM		A PO						3				BAT	TINC	3							
Pos	Ch		Uni	1	PA	AB	R	Η	1	2	3	HR	RBI	SAB	SAF	BB	HPB	CI	Κ	GDF	SB	CS	LOB
8 8	Т6 Т4	GRUGIC Brax JOHNSON Josh		1	1	1		1		1				1									
8		PETERS Jasmine			2	1							1				1		-				
				2																			
4		BROWN Brendan			4	4	1																
PR	B6	TREWIN Harry		3	D	NB																	
3		MARSHALL Lucy		J	3	2		1	1							1							
				4																			
				4																	,		

Fielding

For fielding statistics, the plays where a batter or runner is called out or an error has been scored are recorded.

Α	Assist	Player(s) that threw or deflected the ball.
PO	Put-out	Player that made the out by catching the ball on the full, tagging the base, runner or batter.
Е	Error	Player that made the error.



There are two different sections for recording fielding statistics:

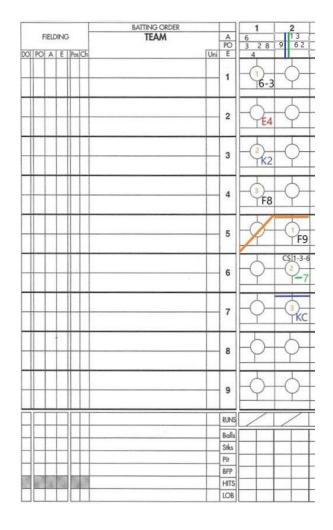
- A PO E rows at the top of the scoring area is a summary of the assists, put-outs and errors made in that inning. They are a direct copy of all the fielder position numbers involved in the plays.
- PO A E columns to the left of the players name is where each players tally of put-outs, assists and errors for the game is recorded.

KC and K strikeouts are recorded as a put-out to the catcher – fielder position number 2. Receiver errors - record the assist(s) and the error (there will be no put-out).

Fielding – cont.

Write the assists, put-outs and errors in the A PO E rows at the top of the inning column in the same order as they occur.

Indicate when a pitching change (blue line) or substitution, fielding change (green line) has been made.



- Count the number of putouts, assists and errors a player has made and record them to the left of their name.
- In a rundown, if a player has multiple assists count as one assist only.
- Take care as the order is different.
- Remember, a players
 fielding details are on the
 other teams scoresheet.

At the end of the game, write the total number of put-outs, assists and errors here.

					BATTING ORDER	-
	ľ	IELC	NO	,	TEAM	PO
	PO	A	E	Pos	Ch Uni	E
						1
	1	1		6	GIBBS Stephen	
						2
	1	1		3	JONES Mitchell	2
				5	B2B7	3
				1	GRANT Oliver	
				2	B2B7	4
	1			7	HARRIS Toby	4
						5
#	1	_		8	ALEXANDER Bree	
1						6
			1	4	LEE Brayden	
				1	B2B7	7
		1		5	MORRIS Brooke	Ľ
				7	B2B7	8
	1			2	WILSON Bailey	8
						9
	1			9	DAVIS Jaxon	
1						RUN
#	_	_	-		-	Ball
╢	-	-				Stks
╢	-	_	-			Pit
∦		10.0	12	1000		BFP
P	C	2	1			HITS
H	0	5	Ш			LOB

Inning

Balls	Number of balls pitched	RUNS	/		/				/
Stks	Number of strikes pitched	Balls	10	16	26	4	30	3	
Pit	Total number of pitches thrown	Stks	15	13	28	1	29	12	
BFP	Batters faced (completed turn)	Pit	25	29	54	5	59	15	
HITS	Number of safe hits	BFP	8	6	14	2	16	3	
LOB	Number of runners left on base	IOB	3	2	5	0	5	1	
LUD	Number of runners left off base	LOB	1	0			1	2	

Each inning column is split into two:

- Left side total for that inning
- Right side cumulative total for the pitcher

Inning statistics are recorded separately for each pitcher that pitches in that inning.

Indicate a pitching change with a blue line and pitchers name (optional). When there is a pitching change during the inning, split the column so the inning and cumulative totals for the replaced pitcher can be recorded in one column.

LOB is a running total for the whole game and is not reset at the change of pitcher.

Pitcher

PITCHERS	PI	INN	н	к	BB	HPB	RS	ER	WP	BLK	PO	PCS	BFP	В	S	PIT	w/L/s
BROWN Jamie	3	2.1	5	0	3	1	5	5	1	0	0	0	16	30	29	59	
JONES Elisa	1	0.2	1	2	0	0	0	0	0	0	0	0	3	3	12	15	

PI	Innings participated in. This is a whole number. Include any inning the pitcher pitches in. The total for all pitchers may exceed the number of innings in the game.
INN	Innings pitched. Based on the number of outs that occurred while the player was pitching. 3 outs = a whole inning 2 outs = 0.2 of an inning 1 out = 0.1 of an inning eg. if a pitcher has 2 outs in the 4 th and 2 outs in the 5 th INN = 1.1
н	Hits

K Strikeouts – all types whether the batter is out or safe

BB	Walks
НРВ	Hit by Pitch
RS	Total Runs Scored
ER	Earned Runs – green runs only
WP	Wild pitches
BLK	Balks
РО	Pick offs: PO 1-#
PCS	Pitcher caught stealing: CS 1-#
BFP	Batters faced (completed turn)
В	Total number of balls pitched
S	Total number of strikes pitched
ΡΙΤ	Total pitches thrown
W/L/S	Win, loss, save

Catcher

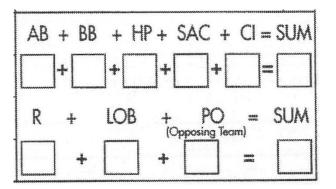
INN	Innings as catcher. Based on the number of outs that occurred while the player was catching. 3 outs = a whole inning 2 outs = 0.2 of an inning 1 out = 0.1 of an inning	
РВ	Passed Balls	
SB	Stolen bases (a double steal counts as 2 stolen bases)	
CCS	Catchers caught stealing: CS 2-#	

CATCHERS	INN	PB	SB	ccs
GRUCIX Brax	1.2			
TREWIN Daniel	1.1			

Balancing

Column totals from batting statistics:

AB	At Bats
BB	Walks
НР	Hit by Pitch
SAC	Sacrifice bunts + sacrifice flys
CI	Catchers interference
SUM	Total of above



SUM figures should be the same as each other and should equal the total PAs for the team.

R	Runs scored
LOB	Left on Base (from inning statistics)
РО	Total number of put- outs made by the other team
SUM	Total of above

Cross-check a teams total batting statistics with the total for all opposition pitchers:

Batting	Pitching	
PA	BFP	
R	RS	
Н	Н	
BB	BB	
НРВ	НРВ	
К	К	

Calculating Averages

Batting Average:

Divide the total number of safe hits by the total number of times at bat.

Heg. Lucy Marshall had 1 Hit and 2 ABs:1AB2Batting ave = 0.500

Fielding Average:

Divide the total number of put outs and assists by the total number of put outs, assists and errors.

Earned Run Average (ERA):

Multiply the number of earned runs by 9 (7 for juniors) then divide by the number of innings pitched. If INN is x.1 use x.333 and if INN is x.2 use x.666.

ER x 9	eg. Jamie Brown had 5 ERs and 2.1 INNs:	5 x 9	
INN (converted)		2.333	ERA = 19.288