

## Session 4: Maths

Lower Key Stage 2  
(Years 3 & 4)

Learn Programme

### Overview:

Interpreting data using  
cricket information

### National Curriculum:

Pupils should be taught to:

- interpret and present data using bar charts, pictograms and tables (y3)
- solve one-step and two-step questions for example, 'How many more?' and 'How many fewer?' using information presented in scaled bar charts and pictograms and tables (y3)
- interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs (y4)
- solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs (y4)

# Super-star Stats

## A Starter

### Kwik Cricket

Interpreting data. Start the session with a game of kwik cricket. (Pupils may have played this in their **PLAY** session).

**R** Resource Play Card

## B Main Activity

### Data Download

Collect real data about scores, present as a table and convert to a bar chart.

Alternatively, watch a clip from the end of a cricket match and use real scores. (The most recent ICC Women's World Cup final at Lord's had an exciting finish and some interesting scores... and England won!).

What scales would we use on your graph. 1 square=?

Use the data to teach pupils how to draw graphs correctly.

**R** Resource Scorecard

Resource Worksheet: Scoring

Resource Worksheet: Kwik Cricket Scoring

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### **C** Star Challenge

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## Data Development

Children devise their own questions about the cricket data.

Swap questions and use them to create own bar charts or equivalent.

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# Super-star Stats

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## **B** Main Activity

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### Worksheet: Kwik Cricket Scoring

#### Don't forget:

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- The batting team starts with 200 runs
  - Runs are added to the total
  - 5 runs are deducted if the batter is out
  - Two runs are awarded to the batting side for a wide ball and no ball, but only give an extra ball for a Wide or No ball in the final over of each innings
- = no run, no wicket
  - W           = wicket taken
  - 1/2/3/4/5/6 = runs scored
  - = No ball – number of runs written inside circle
  - ( )         = Wide – number of runs inside bracket

#### Example of a two over spell (5runs deducted for lost wicket)

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##### 1st Pair: Ann Smith & Jill Jones

1st Over		2nd Over	
<b>Bowler:</b> Susan Summer		<b>Bowler:</b> Mary Lamb	
No run	Wide	Wicket	1
Four	0 run	1 run	3
Wicket falls	1 run	3 runs from no ball	0 run
<b>Runs:</b> 7	<b>Wkts:</b> 1	<b>Runs:</b> 8	<b>Wkts:</b> 1
<b>Total:</b> 202		<b>Total:</b> 205	

##### 2nd Pair: Ann Smith & Jill Jones

1st Over		2nd Over	
<b>Bowler:</b> Susan Summer		<b>Bowler:</b> Mary Lamb	
•	(2)	W	1
4	•	1 run	3
W	1	③	•
<b>Runs:</b> 7	<b>Wkts:</b> 1	<b>Runs:</b> 8	<b>Wkts:</b> 1
<b>Total:</b> 202		<b>Total:</b> 205	

1st Over: 7 runs scored, 1 wicket lost;  $200+7 = 207-5 = 202$

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2nd Over: 8 runs scored, 1 wicket lost;  $202+8 = 210-5 = 205$

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## A Main Activity

### Scorecard: Kwik Cricket 6-a-side

Match:

v

Team Batting 1st

Team Batting 2nd

1st Pair:

1st Over		2nd Over	
Bowler:		Bowler:	
Runs:	Wkts:	Runs:	Wkts:
Total:		Total:	

1st Pair:

1st Over		2nd Over	
Bowler:		Bowler:	
Runs:	Wkts:	Runs:	Wkts:
Total:		Total:	

2nd Pair:

1st Over		2nd Over	
Bowler:		Bowler:	
Runs:	Wkts:	Runs:	Wkts:
Total:		Total:	

2nd Pair:

1st Over		2nd Over	
Bowler:		Bowler:	
Runs:	Wkts:	Runs:	Wkts:
Total:		Total:	

3rd Pair:

1st Over		2nd Over	
Bowler:		Bowler:	
Runs:	Wkts:	Runs:	Wkts:
Total:		Total:	

3rd Pair:

1st Over		2nd Over	
Bowler:		Bowler:	
Runs:	Wkts:	Runs:	Wkts:
Total:		Total:	

