

Archery Maths KS2 Booster example lesson plan and work sheet

<p><b>Activity:</b> Archery Maths Booster</p>	<p><b>Subject Areas:</b> Maths</p>	<p><b>Target cohort:</b> KS1   <b>KS2</b>   KS3   <b>Working towards   Working at   Working above   SEND</b></p>
<p><b>Delivered by:</b> Combined Instructor and school staff. Instructor to lead activity with subject support from school staff.</p>	<p><b>Equipment:</b> Archery equipment Grid target faces Work sheets Pencils</p>	<p>Other _____</p>
<p><b><u>Intent</u></b> All students will have a basic understanding of the principles of archery including safe use of equipment.  All Students will Perform mental addition and multiplication Have an understanding of grid coordinates and identify points on a grid. Use tally charts and score cards to record data</p>		
<p><b><u>Implementation</u></b> All students will complete a simple worksheet throughout the activity. Worksheet can be used to support work within a classroom setting.</p> <ul style="list-style-type: none"> <li>- Tally chart of locations where arrows land</li> <li>- Score card of points awarded per arrow</li> <li>- Grid layout and location identified</li> </ul> <p>Students will start with simple scoring and shooting practice to familiarise with equipment and safety brief. Scores will be recorded on the worksheets. Students will also tally the coloured areas where the arrows land.</p> <p>Progression Grid lines will be placed onto the target and students will also record grid location of arrows.</p> <ul style="list-style-type: none"> <li>- Battleships type game played between teams</li> </ul> <p>Worksheets will be used to create leader boards and graphs of individual and team performance. (evening activity)</p> <p>Each student to produce a top trump card with</p> <p>Hit rate for each coloured area to be presented as a percentage</p> <p>Average score</p> <p>Mean Score</p>		

**Impact**

Students will have an understanding of the use of maths within a real world setting. A working knowledge of grids and identifying locations. Confidence in reading and presenting information in a range of formats. Students will have a greater depth of understanding of the way in which information can be presented. Students will also have developed team work and communication skills. Students will continue to use data collected to develop an understanding of Fractions, Percentages, Graphs, Mean and Average. This will support student engagement with the subject area once returned to the school setting.

**Review method**

Continual review throughout through pupil questioning and reasoning  
Groups feedback at end of activity  
Teacher review at end of day  
Impact assessment after 6 weeks

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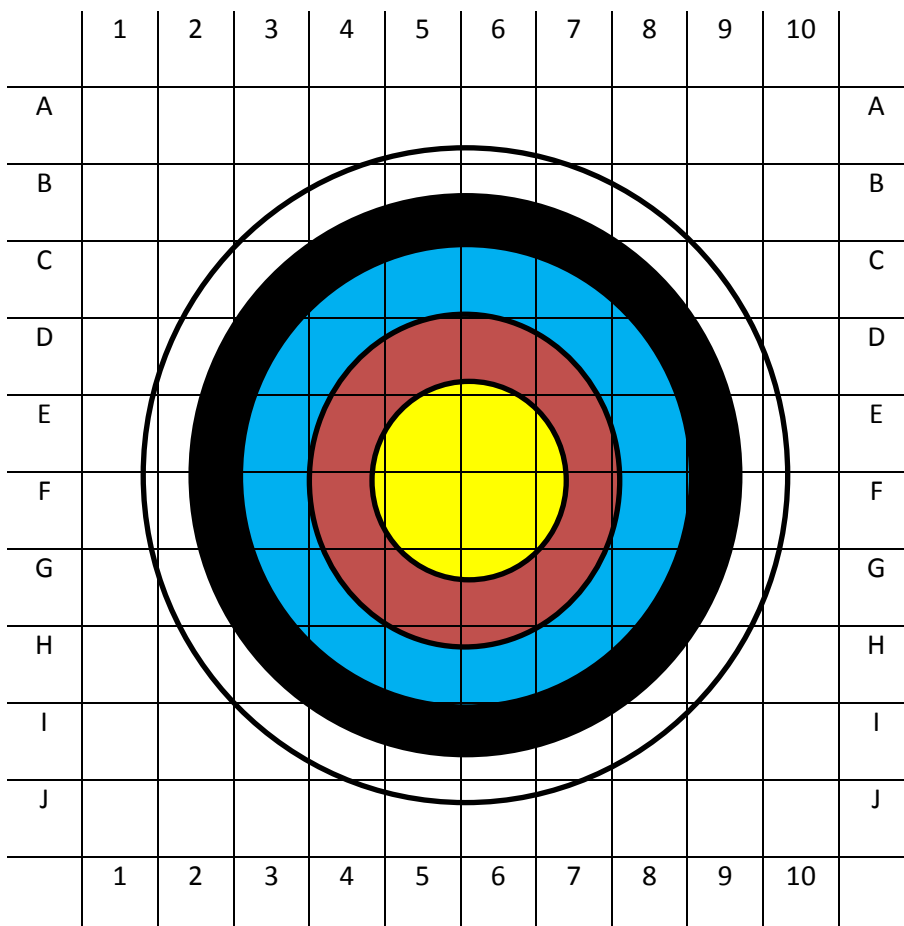
## Tally Chart

Miss	White	Black	Blue	Red	Gold

## Score Card

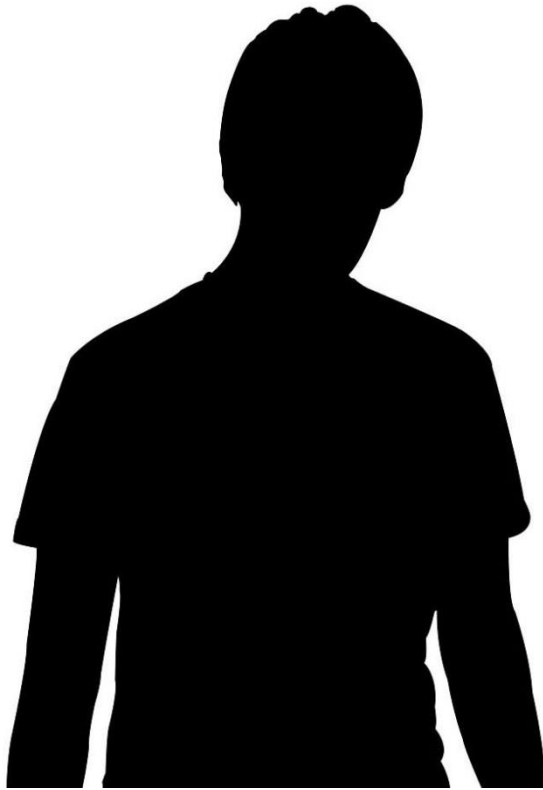
Name	Age	School Name			Team Name
Round	1	2	3	4	5
Score					

## Location Grid





# Top Trump Archery Edition



Name

Age

Favourite Archer

Mean Score

0

30

Average Score

0

30

Hit Rate

0%

100%