



## Lesson Focus

Students will be asked to

- Order turf and fencing for the hoe ground
- Work out the cost of these improvements
- Organise the cup draws for the coming season

## Glossary words

These are found in the podcast.

Subtract, addition, decimal place, area, perimeter, probability

## Other scenarios/tasks

The Maths Level 2 Challenge Going For Gold has similar tasks using area and perimeter.

## Online Tasks

These tasks can be completed instead of the worksheets in class. They can be shown to the whole class if individual computers are unavailable. They can also be used individually away from class by students.

## Things to note



Mathematics  
Level 1  
Assignment: Football Crazy  
LESSON PLAN

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<p><b>Session:</b>                      <b>Date:</b></p> <p><b>Week no:</b>                      <b>Duration:</b></p> <p><b>Curriculum Reference:</b></p> <p><b>Course/Class:</b></p> <p><b>Subject/Topic:</b></p> <p><b>Tutor:</b></p>	<p><b>Resources</b></p> <p>The resources needed for this session consist of: a computer, guroo worksheets, a whiteboard, headphones, student essential equipment (pens, pencils etc).</p>	<p><b>Aims and objectives</b></p> <ul style="list-style-type: none"><li>• To work out the perimeter and area of a rectangle</li><li>• To work out costs for a project</li><li>• To work out the probability related to the task</li></ul>
<p><b>Learning Outcomes - by the end of the session the student will be able to:</b></p>		<p><b>Flash Activity Links:</b></p> <p><b>More Cool Stuff – Money, Money, Money</b></p>
<p><b>Key Skills</b></p> <ul style="list-style-type: none"><li>• Read scales on familiar measuring equipment <b>N1.2.1</b></li><li>• Read and understand tables, charts, graphs and diagrams <b>N1.2.1</b></li><li>• Find the average (mean) of up to 10 items <b>N1.2.1</b></li></ul>		<p><b>Additional information</b></p> <p>The students in the class working on Football Crazy should be working towards Level 1 Mathematics. Students should be encouraged to access the guroo materials outside of class.</p>
<p><b>Functional Skills</b></p> <ul style="list-style-type: none"><li>• Find the area and perimeter of rectangles and squares</li><li>• Add and subtract decimals up to two decimal places with money</li><li>• Use addition, subtraction, multiplication and division in context</li><li>• Use probability to show that some events are more likely to occur than others</li></ul>		<p><b>Differentiation</b></p> <p>All students should watch the video and take part in a discussion about the four test questions. The worksheets have three tasks; some students will complete them all. Experience shows that students generally find task 3 most difficult, so they may work collaboratively on this.</p>

## Mathematics Level 1 Football Crazy Lesson Plan v1.1

Topic	Teacher Activity	Student Activity	Materials Required	How learning is checked
Introduction	Register, introduce the guroo materials and explain lesson intentions	Listening		
Watch and learn	Introduce the vodcast and podcast, any questions from the students, answer.	Watch the vodcast , listen to the podcast	Computer, whiteboard, vodcast, podcast	
Listen and discuss	Run through the 4 questions in “What Do You Know - Key Skills” or “What Do You Know - Functional Skills”	Discuss answers and reasoning	Computer, whiteboard	
Worksheet Task 1 – Finding the area and perimeter	Explanation of area and perimeter – basic reiteration of the information in the vodcast	Respond to questions orally Students should work individually	Worksheet Task 1 from guroo materials	Successful completion of Task 1
Worksheet Task 2 – working out the cost for turf and fencing for the area measured	Talk about the task, illustrating the key points – discount etc	Students should work individually	Worksheet Task 2 from guroo materials	Successful completion of Task 2
Worksheet Task 3 – working out the probability in a football competition	Go over Task 3, describing the task to the students – explanation of probability.	Students could work collaboratively	Worksheet Task 3 from guroo materials	Successful completion of Task 3

### Extension Work

Students who progress more rapidly through the tasks have the option of:

- Checking their own progress, using the reports
- Trying other guroo Level 1 Mathematics activities – ‘Up Beat’, ‘MOT Heaven’, and/or ‘Helping Hands’
- Trying the guroo podcasts, practice papers and tests
- Trying different online resources, such as: [www.bbc.co.uk/skillswise](http://www.bbc.co.uk/skillswise) or [www.keyskills4u.com](http://www.keyskills4u.com)



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<p><b>Learning Outcomes - by the end of the session the student will be able to:</b></p>			<p><b>Flash Activity Links:</b></p> <p><b>More Cool Stuff – Money, Money, Money</b></p>
<p><b>Key Skills</b></p> <ul style="list-style-type: none"><li>• Read scales on familiar measuring equipment <b>N1.2.1</b></li><li>• Read and understand tables, charts, graphs and diagrams <b>N1.2.1</b></li><li>• Find the average (mean) of up to 10 items <b>N1.2.1</b></li></ul>			<p><b>Additional information</b></p> <p>The students in the class working on Football Crazy should be working towards Level 1 Mathematics. Students should be encouraged to access the guroo materials outside of class.</p>
<p><b>Functional Skills</b></p> <ul style="list-style-type: none"><li>• Find the area and perimeter of rectangles and squares</li><li>• Add and subtract decimals up to two decimal places with money</li><li>• Use addition, subtraction, multiplication and division in context</li><li>• Use probability to show that some events are more likely to occur than others</li></ul>			<p><b>Differentiation</b></p> <p>All students should watch the video and take part in a discussion about the four test questions. The challenge has three tasks; some students will complete them all. As students have a computer each in this lesson, they should work individually for all of the tasks, as they can use the vodcast and podcast as many times as they wish.</p>

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What Do You Know - Key Skills, What Do You Know - Functional Skills	Introduce the “What Do You Know” section to complete.	Complete the 4 questions from the “What Do You Know” section.	Computer	Successful completion of the 4 questions – printing out certificate
Worksheet Task 1 – Finding the area and perimeter	Explanation of area and perimeter – basic reiteration of the information in the vodcast	Respond to questions orally Students should work individually	Worksheet Task 1 from guroo materials	Successful completion of Task 1
Worksheet Task 2 – working out the cost for turf and fencing for the area measured	Talk about the task, illustrating the key points – discount etc	Students should work individually	Worksheet Task 2 from guroo materials	Successful completion of Task 2
Worksheet Task 3 – working out the probability in a football competition	Go over Task 3, describing the task to the students – explanation of probability.	Students could work collaboratively	Worksheet Task 3 from guroo materials	Successful completion of Task 3

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- **Trying different online resources, such as: [www.bbc.co.uk/skillswise](http://www.bbc.co.uk/skillswise) or [www.keyskills4u.com](http://www.keyskills4u.com)**