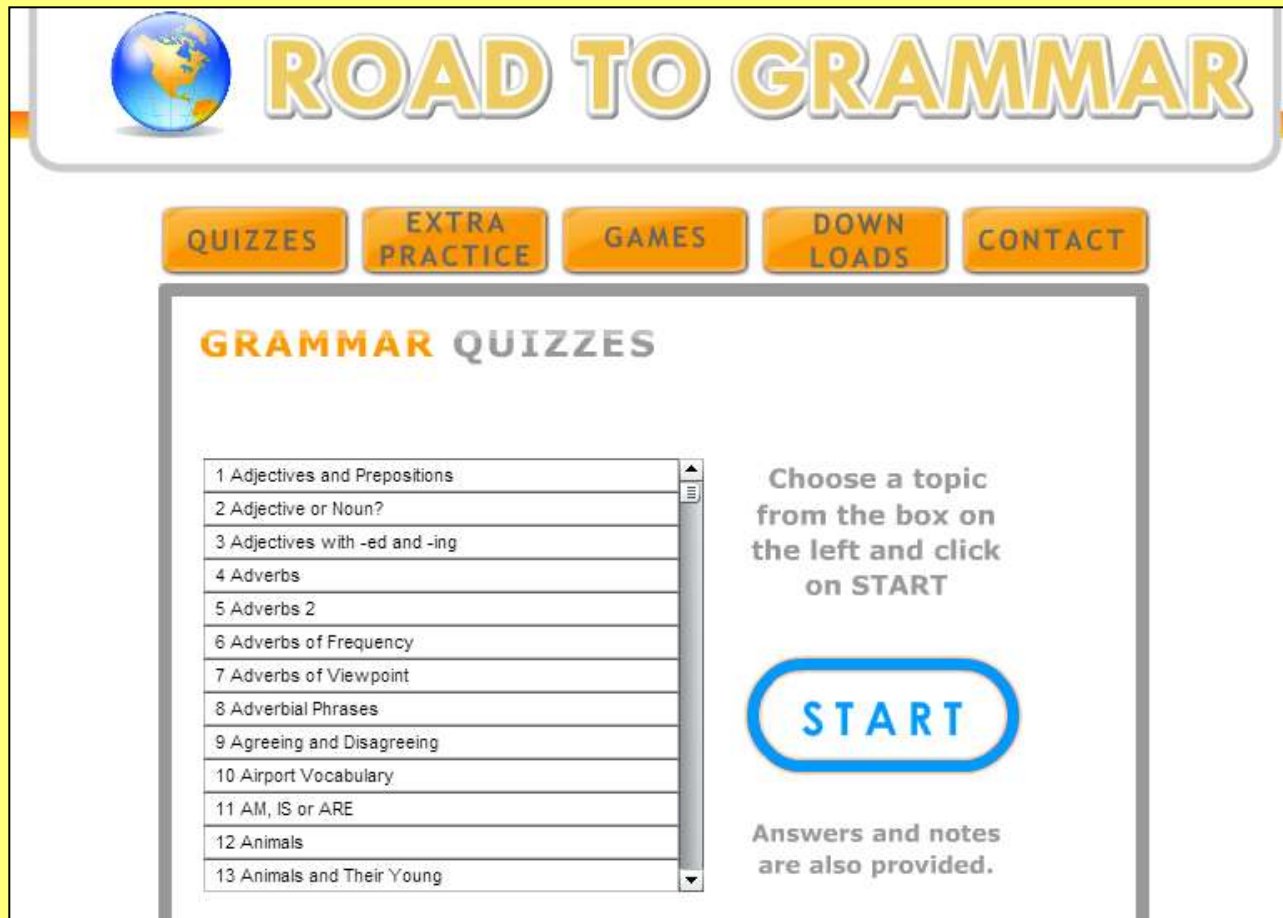


# 50

**Useful Sites for  
English & Maths  
KS2 SATs**

# Road To Grammar

[www.roadtogrammar.com](http://www.roadtogrammar.com) & [www.roadtogrammar.com/junior/](http://www.roadtogrammar.com/junior/)



The screenshot shows the 'ROAD TO GRAMMAR' website. At the top, there is a globe icon and the site title. Below the title is a navigation bar with five buttons: 'QUIZZES', 'EXTRA PRACTICE', 'GAMES', 'DOWN LOADS', and 'CONTACT'. The 'QUIZZES' button is highlighted. Below the navigation bar is a section titled 'GRAMMAR QUIZZES'. On the left, there is a scrollable list of 13 quiz topics. On the right, there is a 'START' button and a note that answers and notes are provided.

GRAMMAR QUIZZES
1 Adjectives and Prepositions
2 Adjective or Noun?
3 Adjectives with -ed and -ing
4 Adverbs
5 Adverbs 2
6 Adverbs of Frequency
7 Adverbs of Viewpoint
8 Adverbial Phrases
9 Agreeing and Disagreeing
10 Airport Vocabulary
11 AM, IS or ARE
12 Animals
13 Animals and Their Young

Choose a topic from the box on the left and click on **START**

**START**

Answers and notes are also provided.

This site offers a huge number of great exercises and games to practise English grammar. The games are fun and the lessons are broken down into categories.

**English:  
Grammar &  
Sentences**

## Robo Bee

[www.wordcentral.com/games/robobee.html](http://www.wordcentral.com/games/robobee.html)



This is a great site to practice English grammar and sentence structure. Play the game by moving the bee to the correct word to complete the sentence.

**English:  
Grammar &  
Sentences**

# Big Bot

[www.wordcentral.com/games/bigbot.html](http://www.wordcentral.com/games/bigbot.html)

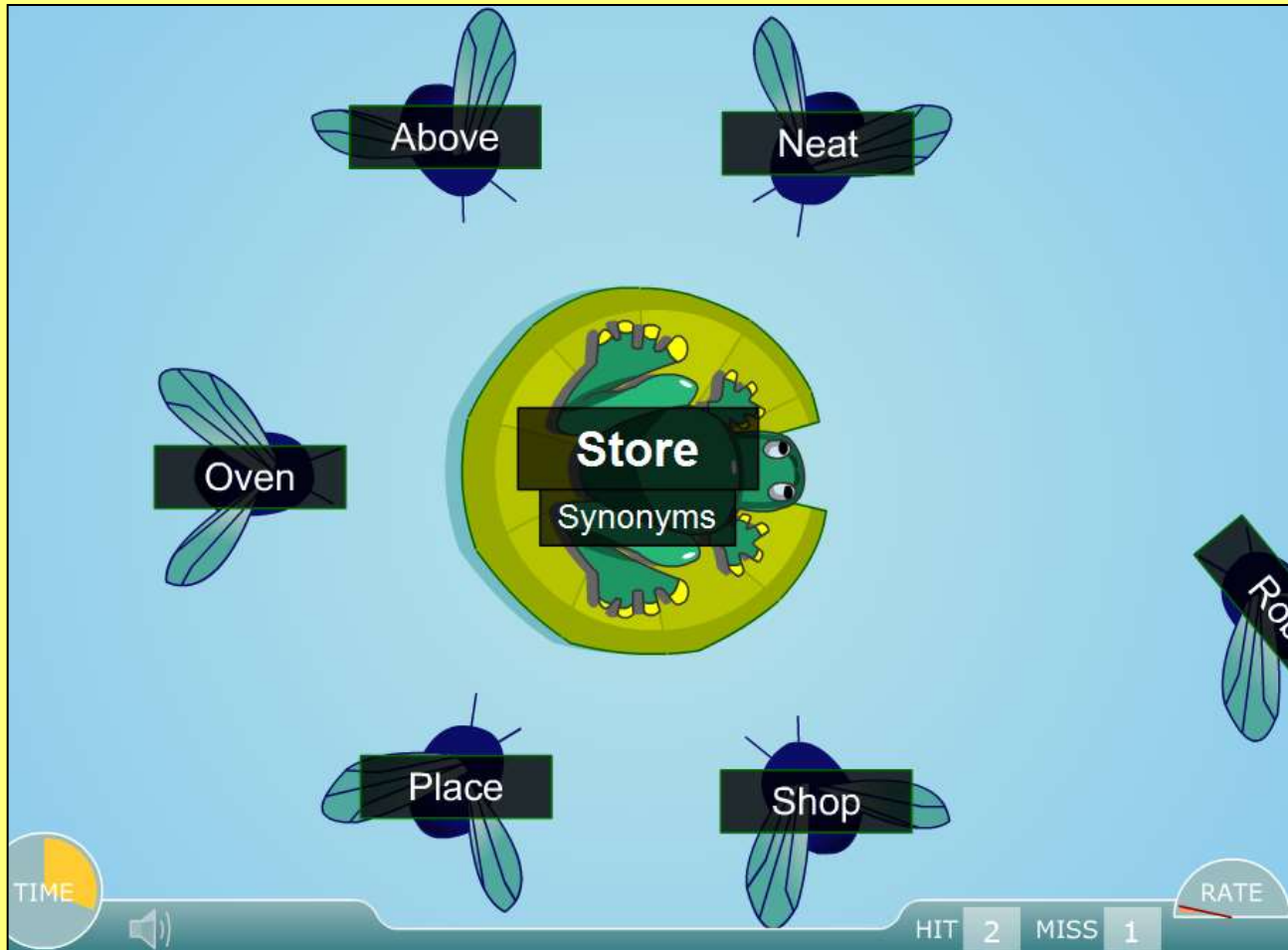


This is a great site to practice English grammar and sentence structure. Play the game by moving the bee to the correct word to complete the sentence.

**English:  
Grammar &  
Words**

## Word Frog

[media.arcademicskillbuilders.com/games/frog/frog.swf](http://media.arcademicskillbuilders.com/games/frog/frog.swf)



This is a simple game to practise antonyms synonyms homonyms.  
Players click on the fly with the correct word to score points.

**English:  
Grammar &  
Words**

## Ice Cream Talk

[media.abcya.com/content/nouns\\_and\\_verbs/nouns\\_and\\_verbs.swf](http://media.abcya.com/content/nouns_and_verbs/nouns_and_verbs.swf)



Click on the nouns and verbs in the sentences to earn icecream scoops for your monkey.

**English:  
Grammar &  
Words**

## Word Invasion

[media.arcademicskillbuilders.com/games/invasion/invasion.swf](http://media.arcademicskillbuilders.com/games/invasion/invasion.swf)

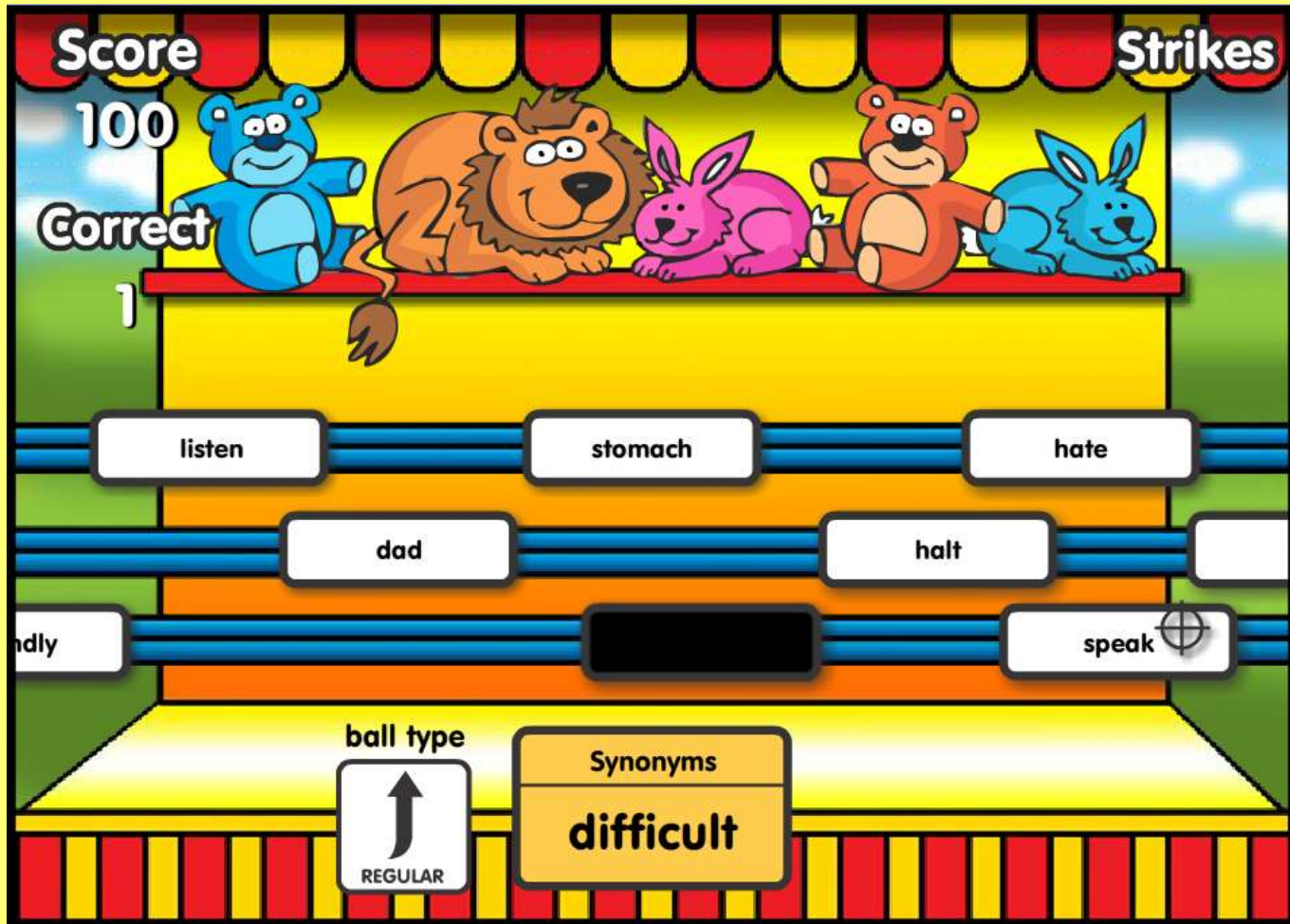


Use the arrow keys and spacebar to shoot the word belonging to the word class show to score points.

**English:  
Grammar &  
Words**

## Super Word Toss

[media.abcya.com/content/synonyms\\_antonyms/synonyms\\_antonyms.swf](http://media.abcya.com/content/synonyms_antonyms/synonyms_antonyms.swf)



Practise knowledge of synonyms and antonyms by clicking on the matching words to throw a ball and score points with this carnival themed game.

**English:  
Grammar &  
Words**



# Find the Verb!

?

Mario

broke

the

block.

1 left.

Good work ninja!

ERASE

Learn the ancient ways of the Ninja by practising... grammar?! This is a fun game site where player click on the words to complete the tasks.

**English:  
Grammar &  
Words**

## Grammar Ninja

[www.bbc.co.uk/bitesize/ks2/english/spelling\\_grammar/punctuation/play/popup.shtml](http://www.bbc.co.uk/bitesize/ks2/english/spelling_grammar/punctuation/play/popup.shtml)



Help your characters escape from the spooky tower using your English skills. This is a super animation and game about using punctuation correctly.

**English:  
Grammar &  
Words**

# [Free Rice – English Grammar](http://freerice.com/#/english-grammar/)

<http://freerice.com/#/english-grammar/>

The screenshot displays the Free Rice website interface. At the top, a navigation bar includes links for HOME, SUBJECTS, GROUPS, RICE!, SIGN UP, LOGIN, ABOUT, SPREAD THE WORD, and ENGLISH. The main header features the 'FREE Rice 2.0' logo and the text: 'For each answer you get right, we donate 10 grains of rice through the World Food Programme to help end hunger'. Below this, there are links for 'login' and 'sign up (track your totals, join and create groups and more)'. The main content area is titled 'English Grammar' and shows a quiz question: 'Correct! Which is correct? = My son plays soccer [.] He is good at it.' The question asks 'Which is correct?' and provides two options: 'My sister was born on [July 30, 2001] which was a very long day.' and 'My nephew was born on [July 30, 2001,] which was a very long day.' To the right of the quiz, there is a large image of a wooden bowl filled with white rice grains. Below the image, it says 'You have now donated 50 grains of rice.' and a button labeled 'Learn more ways to fight hunger'. At the bottom of the interface, there is a 'Congratulations!' message: 'You've just answered 5 questions in a row.' The footer includes 'Level: 1 to 5', 'Best Level: 1', 'Change Level', and 'Re-Start'.

This is a superb site where players can help feed the poorer people in the world by answering questions. The site sponsors donate 10 grains of rice for each correct answer. This adds up! One of the categories is English grammar.

**English:  
Grammar &  
Words**


## Connectives Quiz


<http://eslkidsworld.com/Interactive%20games/Grammar%20Games/Connectives/connect>


3 OF 10 I love exciting places, \_\_\_\_\_ I want to go to a city.


ESL Kids World  
by ESL Kids World

ESL Kids World

**A**  **Until**

**B**  **Although**

**C**  **But**

**D**  **So**

A football themed game where players choose the right connective for the sentence and have a chance to shoot a penalty goal if they are correct.

**English:  
Grammar &  
Words**

## Identify the correct adverbs

❏ Question 1 of 10

**The old women walked slowly.**

- slowly**
- walked**
- old**

This site has a good collection of Maths, English & other online interactive resources to use to improve your skills.

Mr. Anker Tests, Fractions

1

Convert the mixed number below to an improper fraction.

$1 \frac{1}{3} =$ 

---

?

Click in the field where you want to type your answer.

Press apple-Q to quit (Mac)  
Press alt-F4 to Exit (Windows)  
Click Back button to return to the Web browser.

Improper Fractions, Set 1

0

**Tip:** Type a number for the numerator, press the tab key, then type for your denominator.

Click here when ready.

This is a vast site of activities and resources made by a teacher in the US. There are some great English, maths and other subject areas to explore.

The screenshot shows the BBC KS2 Bitesize website interface. At the top left, there is a navigation menu with icons and text for 'Home', 'English', 'Maths', and 'Science'. Below this is a 'More Bitesize' section with the 'cbbc' logo. The main content area features three large, colorful buttons for 'English', 'Maths', and 'Science', each with a cartoon fish character. Below these buttons is a 'Find an activity here' section with a horizontal scroll of activity thumbnails: 'Spelling' (Foxes), 'Microorganisms' (MIM), 'Angles' (180° 30°), 'Story Planning' (Trapped!), and 'Light' (Sa). At the bottom, there are two sections: 'Games' with 'Questionaut' and 'Gut Instinct' (Can you beat Viral Vinnie?), and 'BBC Links' with 'KS3 Bitesize' and 'KS1 Bitesize'.

Find a great range of English, maths and other resources on this popular BBC website. There are games, activities, worksheets and video lessons to explore.

Which sentence is correct?

I've lived in Paris for the past 20 years.

I've live in Paris for the past 20 year.

Iv'e lived in paris for the past 20 years

Ive lived in Paris for the past 20 years

 632 points

3/6



Zondle is an amazing site for creating your own games and quizzes. You can play shared games from the Zondle community including my own grammar game at <http://www.zondle.com/cdl.aspx?qp=65980&a=934>. Choose which game you want to play with the questions. A free sign up is required.



# A Maths Dictionary for Kids

<http://amathsdictionaryforkids.com/dictionary.html>

**A Maths Dictionary for Kids 2013**  
by Jenny Eather

terms of use help

**coordinates**

- shown as pairs of letters and/or numbers, e.g. (2, 4)
- used to show position on a coordinate plane or map.

The first coordinate is the horizontal position (x axis).  
The second coordinate is the vertical position (y axis).

**EXAMPLE:** Click the dots to get their coordinates.

Aa	Bb	calculator	coefficient
Cc	Dd	calendar	collinear points
Ee	Ff	capacity	column graph
Gg	Hh	cardinal number	common denominator
Ii	Jj	Carroll diagram	common factor
Kk	Ll	Cartesian plane	common multiple
Mm	Nn	categorical data	commutative law
Oo	Pp	Celsius	compass
Qq	Rr	census	complementary
Ss	Tt	cent	composite
Uu	Vv	centigrade	concave
Ww	Xx	centimetre	concentric
Yy	Zz	centre of rotation	concurrent lines
		century	cone
		certain	congruent
		chance	consecutive
		chord	constant
		circle	continuous data
		circumference	converging lines
		class interval	conversion graph
		clockwise	convex
		closed curve	coordinate plane
		cluster	coordinates

more Cc words >

This is a truly amazing flash based interactive and animated maths dictionary. The entries are clear and the explanations are well written that they are almost a lesson in themselves. There are games and activities to complete. Just search for the area you want to learn about.

**Maths:**  
**General**



This is a favourite of my class and which practices the maths basic skills through competitive, multiple-choice games. The games are beautifully designed and great fun to play.

**Maths:  
General**

## Study Jams

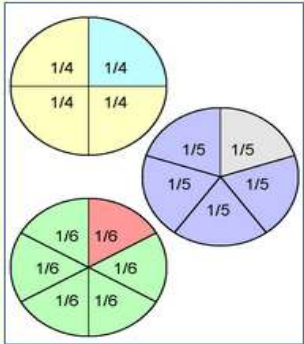



































<http://studyjams.scholastic.com/studyjams/jams/math/index.htm>

The screenshot shows the Study Jams website interface. At the top, there is a navigation bar with 'Home', 'Math', and 'Science' tabs. A search bar is located on the right side of the navigation bar. Below the navigation bar, there is a 'See All Topics' button with left and right arrow icons. The main content area features a large, central banner for 'Addition & Subtraction' with a background of colorful marbles. To the left and right of this banner are smaller, partially visible banners for 'Number' and 'Multiplication' respectively. Below the main banner, there are six bullet points, each with a green dot and a title, followed by a short description:

- Estimate Sums & Differences of Whole Numbers**  
It may seem too good to be true, but you can use estimation to make adding and subtraction easy.
- Properties of Addition**  
The best way to win the game is to play by the rules. Learn these three rules for addition, and you will be an adding champion.
- Relate Addition & Subtraction**  
Did you know that you can undo addition by using subtraction? And you can undo subtraction with addition, too. This neat little trick is called inverse operations.
- + & - without Regrouping**  
Adding and subtracting are everywhere. Sometimes you just have to know how much, and this is how to do it.
- Addition with Regrouping**  
Finding the sum, or total, of two or more numbers can be a
- Subtraction with Regrouping**  
When your subtraction problem calls for regrouping, have no

A superb collection of maths study guides, quizzes, games and activities for every area of the maths curriculum. Just scroll through to find the area you want to study.

**Maths:  
General**

<p><b>Visual Aids for Teaching Fractions Worksheets</b></p> 	<p><b>Visual Fraction Worksheets Fractions Worksheets</b></p> <p>Name: _____ Score: _____ Teacher: _____ Date: _____</p> <p>What is the Fraction of the Shaded Area?</p> <p>1)  _____ 6)  _____ 2)  _____ 7)  _____ 3)  _____ 8)  _____ 4)  _____ 9)  _____ 5)  _____ 10)  _____</p> <p>Shade the Figure with the Indicated Fraction.</p> <p>11)  <math>\frac{1}{5}</math> 16)  <math>\frac{2}{5}</math> 12)  <math>\frac{2}{5}</math> 17)  <math>\frac{4}{5}</math> 13)  <math>\frac{1}{2}</math> 18)  <math>\frac{4}{4}</math> 14)  <math>\frac{2}{5}</math> 19)  <math>\frac{3}{5}</math> 15)  <math>\frac{2}{5}</math> 20)  <math>\frac{1}{5}</math></p> <p><small>© Math-Aids.com</small></p>	<p><b>Visual Addition Fractions Worksheets</b></p> <p>Name: _____ Score: _____ Teacher: _____ Date: _____</p> <p>Visually Adding Simple Fractions</p> <p>1)  +  =  _____ 2)  +  =  _____ 3)  +  =  _____ 4)  +  =  _____ 5)  +  =  _____</p> <p><small>© Math-Aids.com</small></p>
<p><b>Adding Simple Fractions Fractions Worksheets</b></p> <p>Name: _____ Score: _____ Teacher: _____ Date: _____</p> <p>Adding Simple Fractions</p> <p>1) <math>\frac{2}{9} + \frac{2}{9} =</math> 2) <math>\frac{2}{11} + \frac{2}{11} =</math> 3) <math>\frac{2}{12} + \frac{3}{12} =</math> 4) <math>\frac{3}{9} + \frac{2}{9} =</math> 5) <math>\frac{1}{4} + \frac{2}{4} =</math> 6) <math>\frac{2}{7} + \frac{2}{7} =</math> 7) <math>\frac{1}{11} + \frac{8}{11} =</math> 8) <math>\frac{2}{10} + \frac{7}{10} =</math> 9) <math>\frac{4}{10} + \frac{5}{10} =</math> 10) <math>\frac{2}{12} + \frac{6}{12} =</math></p> <p><small>© Math-Aids.com</small></p>	<p><b>Adding Two Fractions Fractions Worksheets</b></p> <p>Name: _____ Score: _____ Teacher: _____ Date: _____</p> <p>Adding Fractions</p> <p>1) <math>\frac{4}{5} + \frac{1}{5} =</math> 2) <math>\frac{1}{2} + \frac{2}{2} =</math> 3) <math>\frac{2}{5} + \frac{1}{4} =</math> 4) <math>\frac{3}{10} + \frac{1}{5} =</math> 5) <math>\frac{1}{5} + \frac{1}{3} =</math> 6) <math>\frac{1}{2} + \frac{2}{2} =</math> 7) <math>\frac{2}{10} + \frac{2}{4} =</math> 8) <math>\frac{8}{10} + \frac{2}{5} =</math> 9) <math>\frac{3}{4} + \frac{1}{10} =</math> 10) <math>\frac{1}{2} + \frac{1}{2} =</math></p> <p><small>© Math-Aids.com</small></p>	<p><b>Adding Three Fractions Fractions Worksheets</b></p> <p>Name: _____ Score: _____ Teacher: _____ Date: _____</p> <p>Adding Fractions</p> <p>1) <math>\frac{3}{4} + \frac{2}{5} + \frac{1}{3} =</math> 2) <math>\frac{2}{3} + \frac{6}{5} + \frac{2}{4} =</math> 3) <math>\frac{2}{4} + \frac{2}{5} + \frac{2}{10} =</math> 4) <math>\frac{7}{10} + \frac{2}{3} + \frac{1}{5} =</math> 5) <math>\frac{3}{4} + \frac{3}{2} + \frac{1}{10} =</math> 6) <math>\frac{8}{10} + \frac{1}{2} + \frac{2}{4} =</math> 7) <math>\frac{2}{5} + \frac{2}{10} + \frac{3}{4} =</math> 8) <math>\frac{5}{10} + \frac{1}{4} + \frac{1}{5} =</math> 9) <math>\frac{4}{5} + \frac{6}{10} + \frac{1}{2} =</math> 10) <math>\frac{3}{5} + \frac{2}{4} + \frac{6}{10} =</math></p> <p><small>© Math-Aids.com</small></p>

This is a great site to find a good collection of downloadable maths worksheets and other resources. Each sheet comes with an answer key so learners can study independently.

Displaying Data: Making a Frequency Diagram

Parent Notes Teacher Notes Assessment

### Frequency Diagram

#### Science Test Scores

Scores	Tallies	Frequency
4		
5		
6		
7		
8		
9		
10		


























Scores:  
4, 6, 8, 7, 7, 10, 7, 7, 8, 9, 6, 5, 9, 8, 7, 6, 7, 6, 5, 6

Activity Sheet 2 of 6 Topics

This site has a great collection of animated maths lessons on a range of topics. Choose the lesson and watch the maths shows before answering the questions.

**Maths:  
General**

## A+Click : Grade 6

<p>Grade 6 Numbers and Arithmetic</p> <p>What is the sum of 200, 300, 150 and 250?</p> 	<p>Grade 6 Numbers and Arithmetic</p> <p>What can you add to 7.44 to make 8?</p> 	<p>Grade 6 Numbers and Arithmetic</p> <p>What remainder do you get if you divide 90 by 7?</p> 	<p>Grade 6 Numbers and Arithmetic</p> <p>4200 divided by what number equals 70?</p> 	<p>Grade 6 Numbers and Arithmetic</p> <p>What is 38 divided by 20?</p> 
<p>Grade 6 Numbers and Arithmetic</p> <p>Which set of decimals is in order, from smallest ...</p> 	<p>Grade 6 Numbers and Arithmetic</p> <p>Which fraction is equivalent to ten-twelfths?</p> 	<p>Grade 6 Numbers and Arithmetic</p> <p>Which set of fractions is in order from smallest ...</p> 	<p>Grade 6 Numbers and Arithmetic</p> <p>Imagine a wall of 24 bricks. Three of the bricks ...</p> 	<p>Grade 6 Numbers and Arithmetic</p> <p>Which of these expressions gives the smallest ...</p> 
<p>Grade 6 Numbers and Arithmetic</p> <p>Is <math>-99 + 88 \hat{=}</math> <math>77 + 66 \hat{=}</math> <math>55 + 44 \hat{=}</math> <math>33 + 22 \hat{=}</math> <math>11 + \dots</math>?</p> 	<p>Grade 6 Numbers and Arithmetic</p> <p>Which gives the largest answer?</p> 	<p>Grade 6 Numbers and Arithmetic</p> <p>What is the ratio between the number of green ...</p> 	<p>Grade 6 Numbers and Arithmetic</p> <p>If 1 gram of grass seed is needed to plant 1 ...</p> 	<p>Grade 6 Numbers and Arithmetic</p> <p>Which gives the largest answer?</p> 
<p>Grade 6 Numbers and Arithmetic</p> <p>Which gives the largest answer?</p> 	<p>Grade 6 Numbers and Arithmetic</p> <p>Don't use a calculator. Which of the following ...</p> 	<p>Grade 6 Numbers and Arithmetic</p> <p>Find the sum of the integers from -2009 through ...</p> 	<p>Grade 6 Numbers and Arithmetic</p> <p>Divide \$132 into a ratio 1:2:3. What is the ...</p> 	<p>Grade 6 Numbers and Arithmetic</p> <p>Which of the following gives the largest value?</p> 
<p>Grade 6 Numbers and Arithmetic</p> <p>What is the difference between the largest and ...</p> 	<p>Grade 6 Numbers and Arithmetic</p> <p>Find the sum of all these numbers.</p> 	<p>Grade 6 Numbers and Arithmetic</p> <p>What fraction of the piano keys is white?</p> 	<p>Grade 6 Numbers and Arithmetic</p> <p>Mike bought 57 jellybeans. Which statement is ...</p> 	<p>Grade 6 Numbers and Arithmetic</p> <p>John's heart beats at a rate of 80 beats a minute ...</p> 

This is a super site with maths lessons, quizzes and fun activities to help learners improve. The lessons are grouped by topic and age range. It's wonderful for targeting and working on particular areas of difficulty.

**Maths:  
General**

# Calculation Nation

[calculationnation.nctm.org](http://calculationnation.nctm.org)

calculation Nation

« Back to Play Games      Game Directions

It's your turn.

Draw a force field with one of the four possible perimeters. Then click on the perimeter of your rectangle. The force field must capture at least one ship or you'll lose your turn. Points are earned based on the area of your rectangle and the number of spaceships you capture.

You can click Get New Numbers

Guest      480      960      Calculation Nation

CLICK THE PERIMETER OF YOUR RECTANGLE TO COMPLETE YOUR TURN

8   12   20   22

GET NEW NUMBERS

USED NUMBERS:

18

STATISTICS

WIDTH: 3   HEIGHT: 6   AREA: 18

CURRENT EFFICIENCY: 90%

OVERALL EFFICIENCY: 90%

This site has 12 maths games, each with a different topic. Click on 'guest pass' to access the activities. Topics include fractions, the 4 operations, prime numbers, perimeter and many more.

**Maths:  
General**



This is one of my favourite iPad apps and it is a superb maths resource which teaches topics across the subject. The games and activities are fun and easy to use.

**Maths:  
General**



# Mental Maths Boot Camp

[www.compare4kids.co.uk/mathsgame/MathsQuiz.swf](http://www.compare4kids.co.uk/mathsgame/MathsQuiz.swf)

**Day 1**

## mental maths boot camp

What is double 4500?

**Time: 5 seconds**

1	8306
2	54
3	
4	
5	

**Time: 10 seconds**

6	
7	
8	
9	
10	

3	9000
---	------

3

**Time: 10 seconds**

11	
12	
13	
14	
15	

**Time: 15 seconds**

16	
17	
18	
19	
20	

**Main Menu**

This is a fabulous site where learners can complete timed mental maths tests. Questions appear one at a time and there is a set time to answer each one. The tests are self-marking and there are 15 to choose from.

**Maths:  
Mental**

# Maths Challenge

[www.ngfl-cymru.org.uk/vtc/2011-12/maths/maths-challenge/](http://www.ngfl-cymru.org.uk/vtc/2011-12/maths/maths-challenge/)

Getting into the swing of things Name:

6	+	2	=		-		=	3	+	5	=	8
	-		=		+		=		-		=	7
	+		=		-		=		+		=	12
	-		=		+		=		-		=	13
	+		=		-		=		+		=	16

**Number Selector**

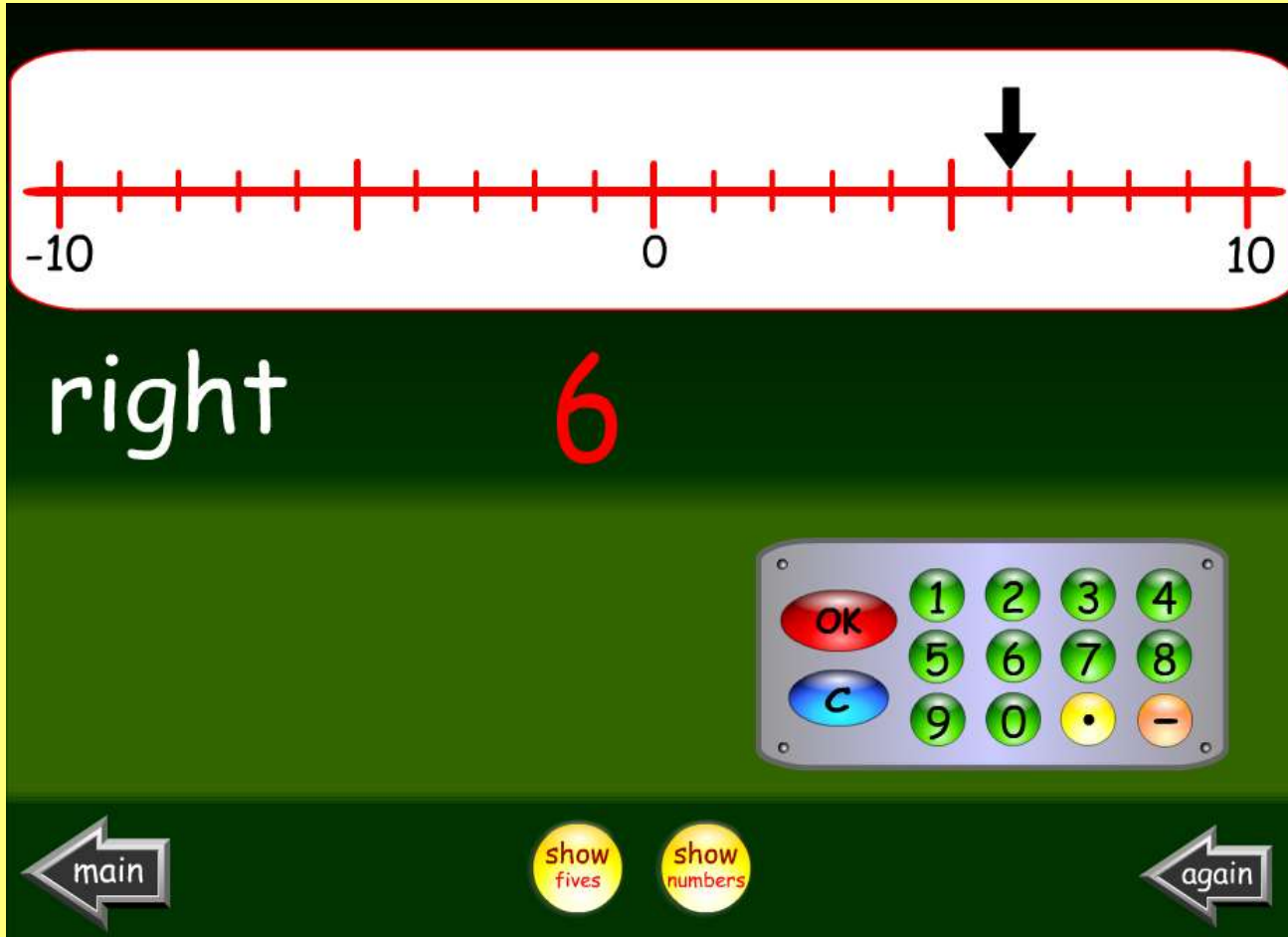
0	1	1	1	2		2	3		3	4	4	4
5	5	6		6	7	7	7	8	8	9	9	10
10	11	11	12	12	13	14	15	16	17	18	19	20

This is a great activity to practice addition and subtraction. Drag the numbers into the correct position to complete the puzzle.

**Maths:  
Basic Skills**

## Number Line

[wmnet.org.uk/wmnet/custom/files\\_uploaded/uploaded\\_resources/853/numberlinev2.swf](http://wmnet.org.uk/wmnet/custom/files_uploaded/uploaded_resources/853/numberlinev2.swf)



The image shows a screenshot of an interactive educational software interface. At the top, a white rounded rectangle contains a red number line ranging from -10 to 10. Major tick marks are labeled at -10, 0, and 10. Smaller tick marks are present every 1 unit. A black arrow points down to the tick mark for the number 6. Below the number line, the word "right" is written in white, and the number "6" is written in red. In the bottom right area, there is a grey calculator keypad with buttons for "OK" (red), "C" (blue), and digits 1-9, 0, a decimal point, and a minus sign. At the bottom of the interface, there are three navigation buttons: a left-pointing arrow labeled "main", two yellow circular buttons labeled "show fives" and "show numbers", and a right-pointing arrow labeled "again".

This is a simple activity where learners must find the correct position of a number along a number line.

**Maths:  
Number**

## Manga High: Number

[www.mangahigh.com/en\\_gb/maths\\_games/number](http://www.mangahigh.com/en_gb/maths_games/number)

The screenshot shows a game interface for a number line activity. At the top, it says "Question 1 of 5", "EASY", and "3 more correct to go up!". The score is 0. The main instruction is "Drag the numbers into the empty boxes." Below this is a number line from 3 to 6 with arrows at both ends. Tick marks are at 3, 4, 5, and 6. Above the line, the numbers 3.3, 3.9, 4.7, and an empty dashed box are shown. Arrows point from 3.3 to the first tick after 3, from 3.9 to the first tick after 4, and from 4.7 to the first tick after 5. To the right of the number line is a vertical list of numbers: 3.5 and 5.6. Below the list is a "SUBMIT ANSWER" button. At the bottom, there are buttons for "2 FREE HINTS" and "1 FREE SOLVE".

This is a great site for learning about numbers, decimals, fractions, ratios, money and much more through interesting, interactive lessons and games.

**Maths:  
Number**

## Tower Blaster

[media.y8.com/system/contents/1523/original/towerblaster.swf](http://media.y8.com/system/contents/1523/original/towerblaster.swf)



This is a fun game where learner must race to complete a tower which has the numbers in the correct order. Choose from two numbers to knock out a unwanted number from your tower.

**Maths:**  
**Number**

## Comparison Shoot Out

[www.fuelthebrain.com/Game/play.php?ID=47](http://www.fuelthebrain.com/Game/play.php?ID=47)



This is a simple football themed game where learners compare the value of fractions with 'more than', 'less than' or 'equal to' to score goals.

**Maths:**  
**More/Less**  
**Than**

# Maths Champs

[www.mathschamps.co.uk](http://www.mathschamps.co.uk)

**MATHS CHAMPS**

Home Teachers Parents Reviews Videos About us Contact us Survey

## Welcome to Maths Champs

Our exciting games help children learn their number facts and practise quick-fire calculations.

Get on the high score table and become a Maths Champ!

Play games: age 5-7 ▶

Play games: age 7-9 ▶

Play games: age 9-11 ▶

### Most popular games

	Age	Hi Score
1. <a href="#">Brick Blaster 3</a>	7-9	77650
2. <a href="#">Rock and Roll-bot 3</a>	7-9	234350
3. <a href="#">Bop a Bot 4</a>	7-9	51650
4. <a href="#">Rock and Roll-bot 1</a>	5-7	263700
5. <a href="#">Bop a Bot 1</a>	5-7	53300

Join our club

Sign up to our eNewsletter to get exclusive sneak previews of new games and features!

Sign up ▶

Share [Tweet](#)

Email +1 29

This site has a collection of games designed to improve learners' maths skills across a range of topics, including multiplication, more/less than, place value and more.

**Maths:  
Number**

## The Decifractor

[www.amblesideprimary.com/ambleweb/mentalmaths/fracto.html](http://www.amblesideprimary.com/ambleweb/mentalmaths/fracto.html)

**Numerator**

**6**

**33**

**Denominator**

**THE DECIFRATOR**

Decimal equivalent

0.18181818

**QUICK FRACTIONS - Click**

$\frac{1}{1}$   $\frac{10}{10}$   $\frac{25}{25}$   $\frac{50}{50}$   $\frac{100}{100}$

**EXIT** **IDEAS**

**CREATE YOUR OWN FRACTION**

6

Enter your own Numerator and Denominator (max.999)

33

**CALCULATE**

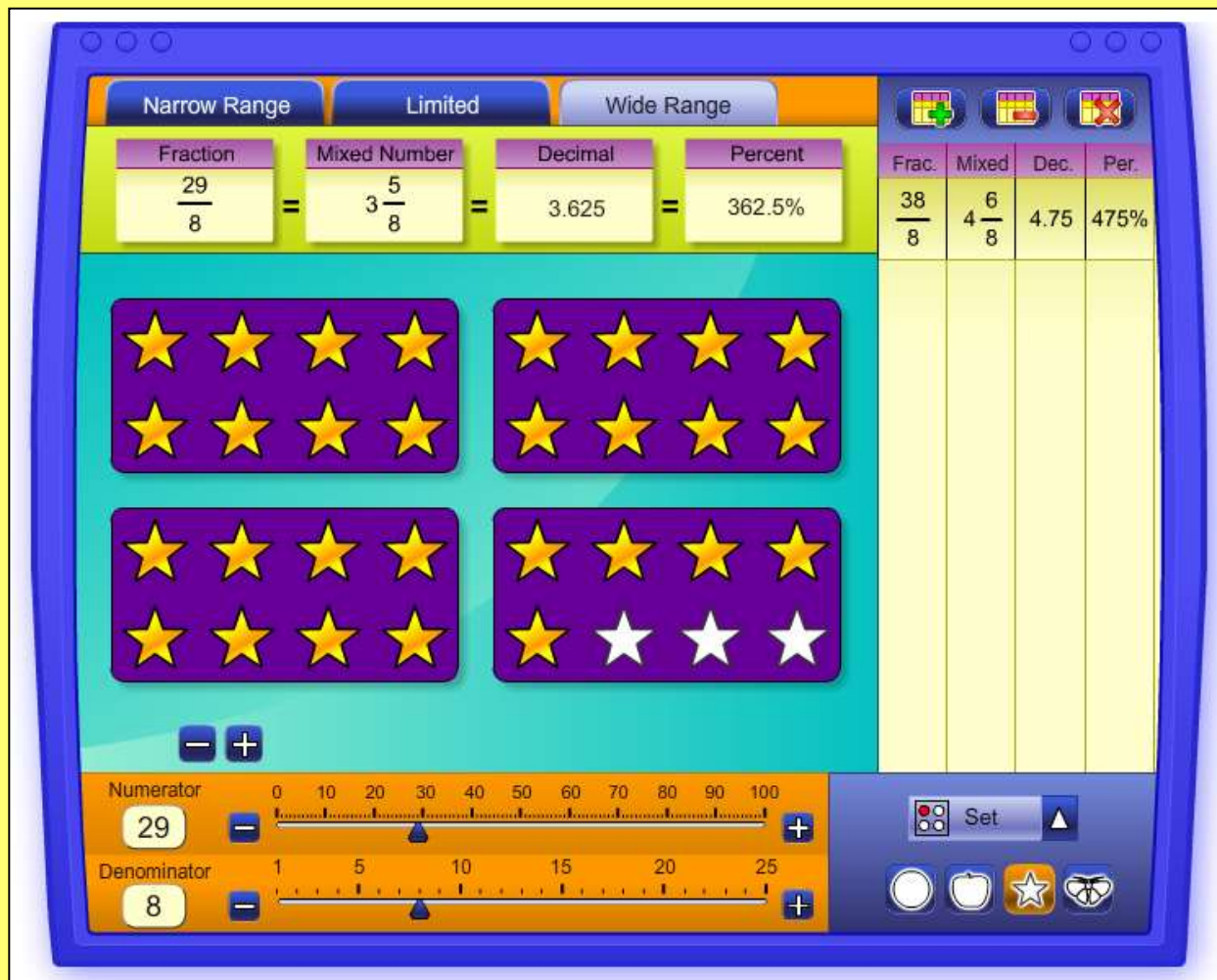
This is a good fractions resources which converts fractions to decimals so learners can see the true value.

**Maths:  
Fractions**



## Fraction Models

[illuminations.nctm.org/ActivityDetail.aspx?ID=11](http://illuminations.nctm.org/ActivityDetail.aspx?ID=11)

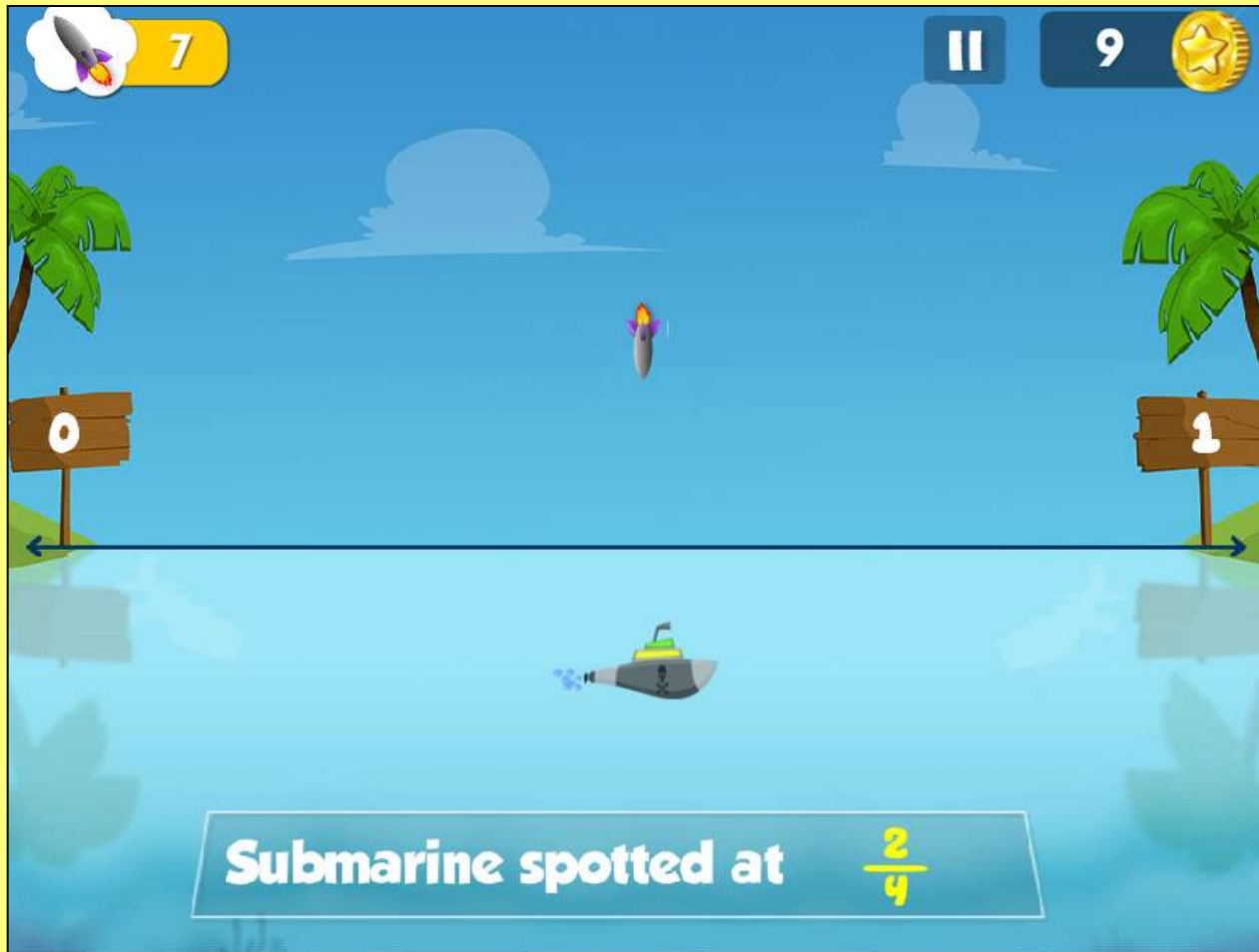


This is a useful resource for comparing fractions, decimals and percentages. Choose the numerator and denominator and see them shown as pictures and in equivalent values.

**Maths:  
Fractions**

## Fraction Planet

[www.fractionplanet.com/users/student.html?demo=3](http://www.fractionplanet.com/users/student.html?demo=3)



This is a fabulous site for practising and understanding fractions. There are lots of levels to work through and the tasks get increasingly more difficult as the game progresses.

**Maths:  
Fractions**

## Manga High: Flower Power Lite

[www.mangahigh.com/en\\_gb/games/flowerpowerlite](http://www.mangahigh.com/en_gb/games/flowerpowerlite)



This is a fun game where players drag the fraction values to the correct order position along a flower stem. Earn points and extra time for correct answers.

**Maths:  
Fractions**

## Action Fraction

[funschool.kaboose.com/fun-blaster/back-to-school/games/game\\_action\\_fraction.html](https://funschool.kaboose.com/fun-blaster/back-to-school/games/game_action_fraction.html)



This is a fun car themed adding and subtracting fractions game. Click on the correct multiple-choice answer to win the race.

**Maths:  
Fractions**

# Oh No Fractions!

<https://itunes.apple.com/gb/app/oh-no-fractions!-curious-hat/id593418681?mt=8>



This is a great Apple app which helps learners understand and compare the value of fractions in a visual way. Move the bars to change the value of the fractions.

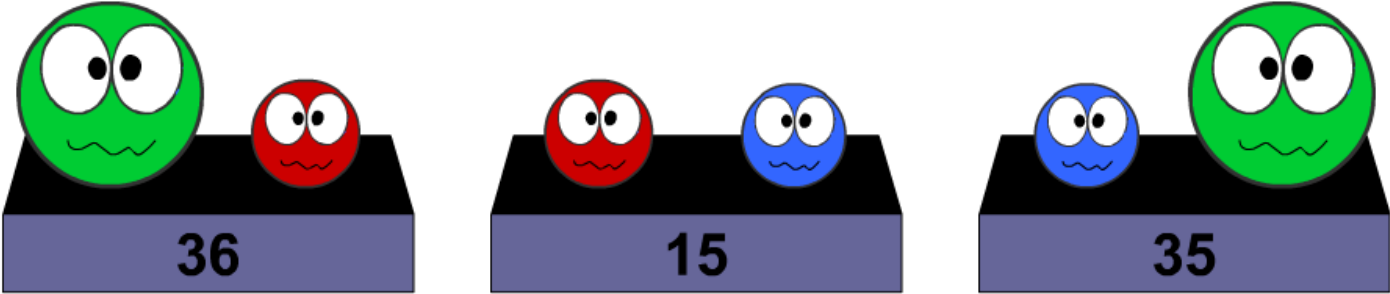
**Maths:  
Fractions**



# Weigh The Wangdoodles



[www.mathplayground.com/mathgames/SL\\_WeighWangdoodles\\_secure.swf](http://www.mathplayground.com/mathgames/SL_WeighWangdoodles_secure.swf)



## Weigh The Wangdoodles

**$G + R = 36$**        **$R + B = 15$**        **$B + G = 35$**



  0

  0

  0

**Feedback**

**Check It**      **New Puzzle**

This is a simple game which helps learners understand the basics of algebra by finding unknown values.

**Maths:  
Algebra**

## What's My Angle

[www.amblesideprimary.com/ambleweb/mentalmaths/protractor.html](http://www.amblesideprimary.com/ambleweb/mentalmaths/protractor.html)

TEACHER CONTROLS

NEW ANGLE

TURN THE PROTRACTOR

1° 5° 20° 20° 5° 1°

183° Too high. Look again.

CHECK

This resource helps learners practise using a protractor to measure angles. There are lots of categories to try, including making their own angles.

**Maths:  
Angles**

## Manga High: Data Handling

[www.mangahigh.com/en\\_gb/maths\\_games/data](http://www.mangahigh.com/en_gb/maths_games/data)

F11 FOR FULLSCREEN

Question 1 of 5

EASY

3 more correct to go up!

Score: 0

A total of 36 students from school A and 41 students from school B were asked if they cycle to school or not.

Complete the table.

	School A	School B	Total
Cycle	14	20	34
Don't cycle	22	21	43
Total	<input type="text"/>	<input type="text"/>	

41

36

SUBMIT ANSWER

2 FREE HINTS

1 FREE SOLVE

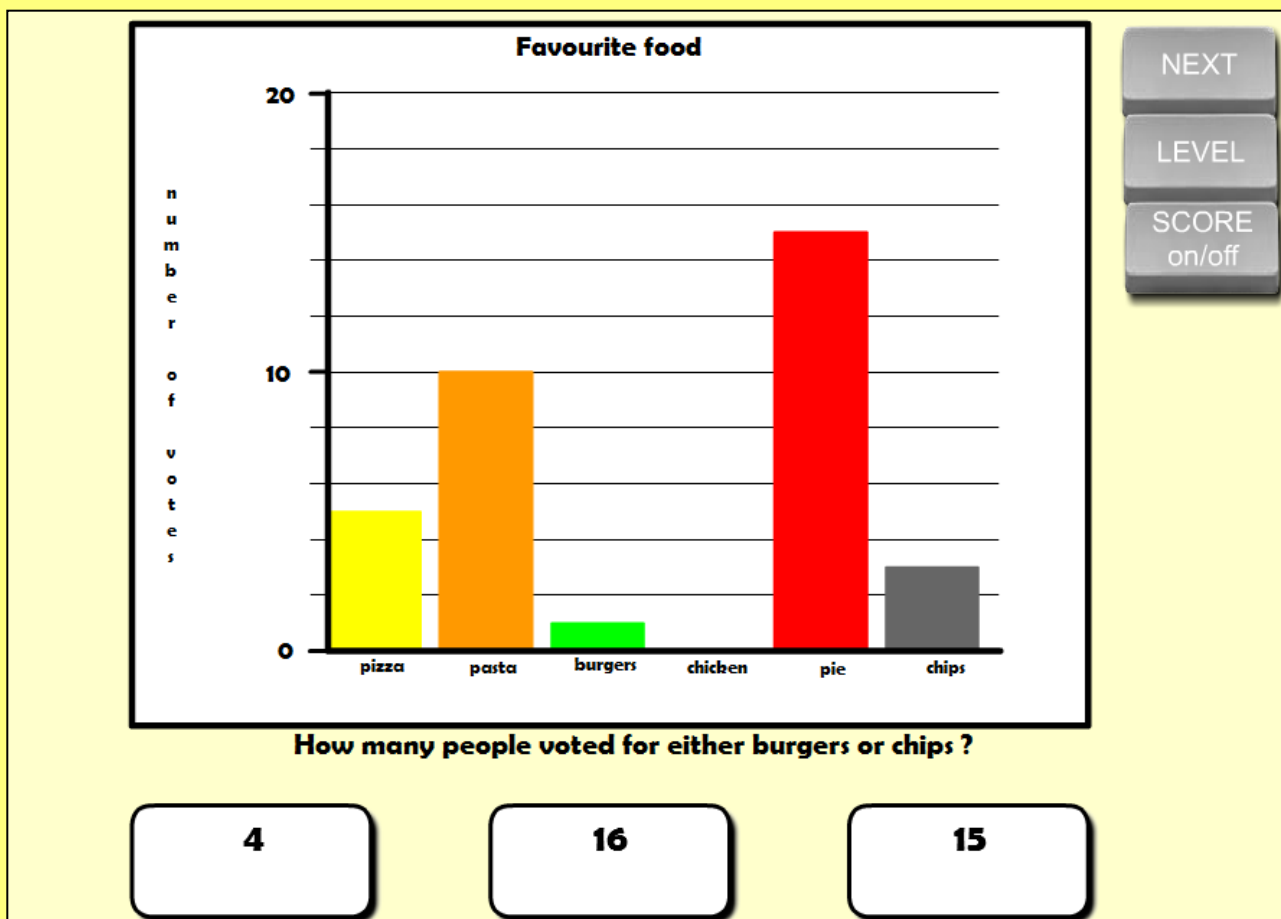
This is a great site for learning about data, charts, tables and much more through interesting, interactive lessons and games.

**Maths:**  
**Data Handling**



## Mathsframe: Bar Charts

[www.mathsframe.co.uk/resources/Bar\\_Charts.aspx](http://www.mathsframe.co.uk/resources/Bar_Charts.aspx)

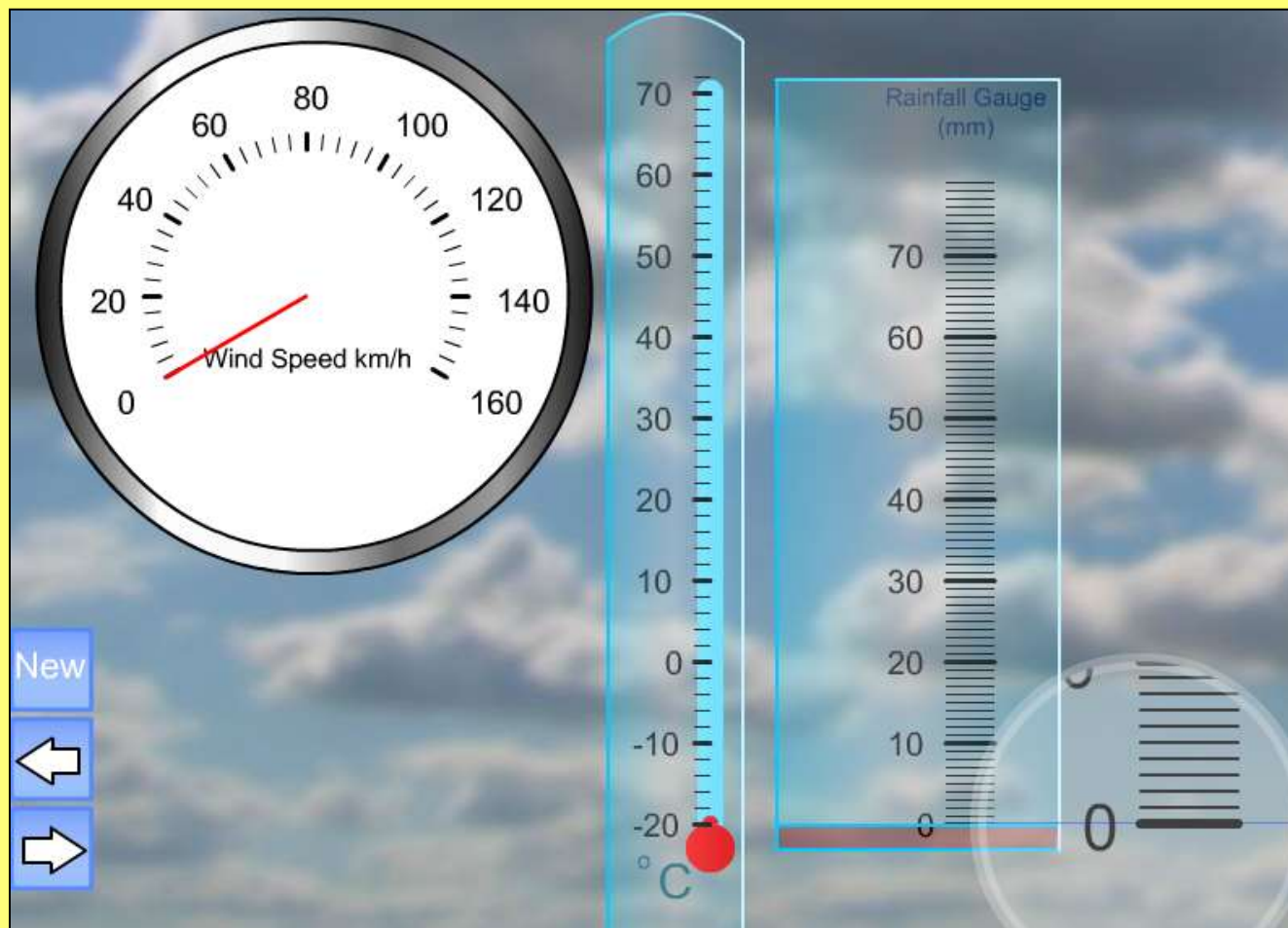


This is a resource where learners choose multiple-choice answers to questions about the information within a bar chart.

**Maths:**  
**Data Handling**

## Teacher Led: Scales

[www.teacherled.com/resources/readingscales/scalesload.html](http://www.teacherled.com/resources/readingscales/scalesload.html)



This resource displays three weather gauges for learners to read and understand. Press the 'New' button to get new values to find.

**Maths:**  
**Data Handling**

## What Weather?

[www.ngfl-cymru.org.uk/vtc/ngfl/geography/bdag/geog-container/game6-en.html](http://www.ngfl-cymru.org.uk/vtc/ngfl/geography/bdag/geog-container/game6-en.html)

Rainfall in the UK (mm)					
	Trawscoed	Ross-on-Wye	Cambridge	Braemar	Eastbourne
January	126.4	80.7	45.0	113.2	81.4
February	92.2	53.0	32.7	68.0	51.7
March	99.0	51.2	41.5	76.8	59.4
April	70.7	48.4	43.1	54.9	48.1
May	66.0	49.2	44.5	59.1	46.0
June	78.5	54.0	53.8	55.5	54.2
July	72.3	34.8	38.2	53.8	46.6
August	91.2	61.1	48.8	82.7	48.9
September	104.0	63.7	51.0	60.6	74.3
October	133.8	67.5	53.8	101.8	98.8
November	140.1	64.5	51.1	91.6	92.6
December	139.7	78.1	50.0	94.7	87.7
<b>Total</b>	<b>1213.9</b>	<b>706.2</b>	<b>553.5</b>	<b>912.7</b>	<b>789.7</b>

The driest month in Ross-on-Wye has an average rainfall of...

706.2mm

80.7mm

34.8mm

This resource shows a weather data table for learners to interpret and use to answer multiple-choice questions. There are two levels of difficulty to choose from.

**Maths:**  
**Data Handling**

# Pie Charts

[www.subtangent.com/maths/flash/piecharts.swf](http://www.subtangent.com/maths/flash/piecharts.swf)

## Drawing pie charts (Summary)

- Find the **total frequency**.
- Divide  $360^\circ$  by the **total** to find how much **each** person gets.
- Calculate the angle for each slice.
- Draw a circle. Mark the centre and draw a line straight up.
- Mark off the first angle. Draw a crisp straight line.
- Mark off the other angles. Measure from the last line drawn.
- (Optional) Colour or shade the chart.
- Title and key/labels.

Cheese	Frequency	Working
Cheddar	55	$55 \times 4^\circ = 220^\circ$
Brie	22	$22 \times 4^\circ = 88^\circ$
Parmesan	9	$9 \times 4^\circ = 36^\circ$
No Preference	4	$4 \times 4^\circ = 16^\circ$
<b>Total</b>	<b>90</b>	<b><math>360^\circ</math></b>

Each person =  $360^\circ \div 90 = 4^\circ$ .



Favourite Cheeses  
in Fineborough

### Key

Orange	Cheddar
Blue	Brie
Pink	Parmesan
Yellow	No Preference

Next

Page

7

This site takes learners through each stage of using, interpreting and drawing pie charts.

**Maths:**  
**Data Handling**

## Defend The Grid

[www.fuelthebrain.com/Game/play.php?ID=152](http://www.fuelthebrain.com/Game/play.php?ID=152)



This is a great game for practising learners' knowledge of coordinates. Build defences to stop the enemies from crossing your territory using coordinates to place them.

**Maths:  
Coordinates**

# Dino Dig

<http://counton.org/games/flash/virtualmathfest/dinosaur.swf>

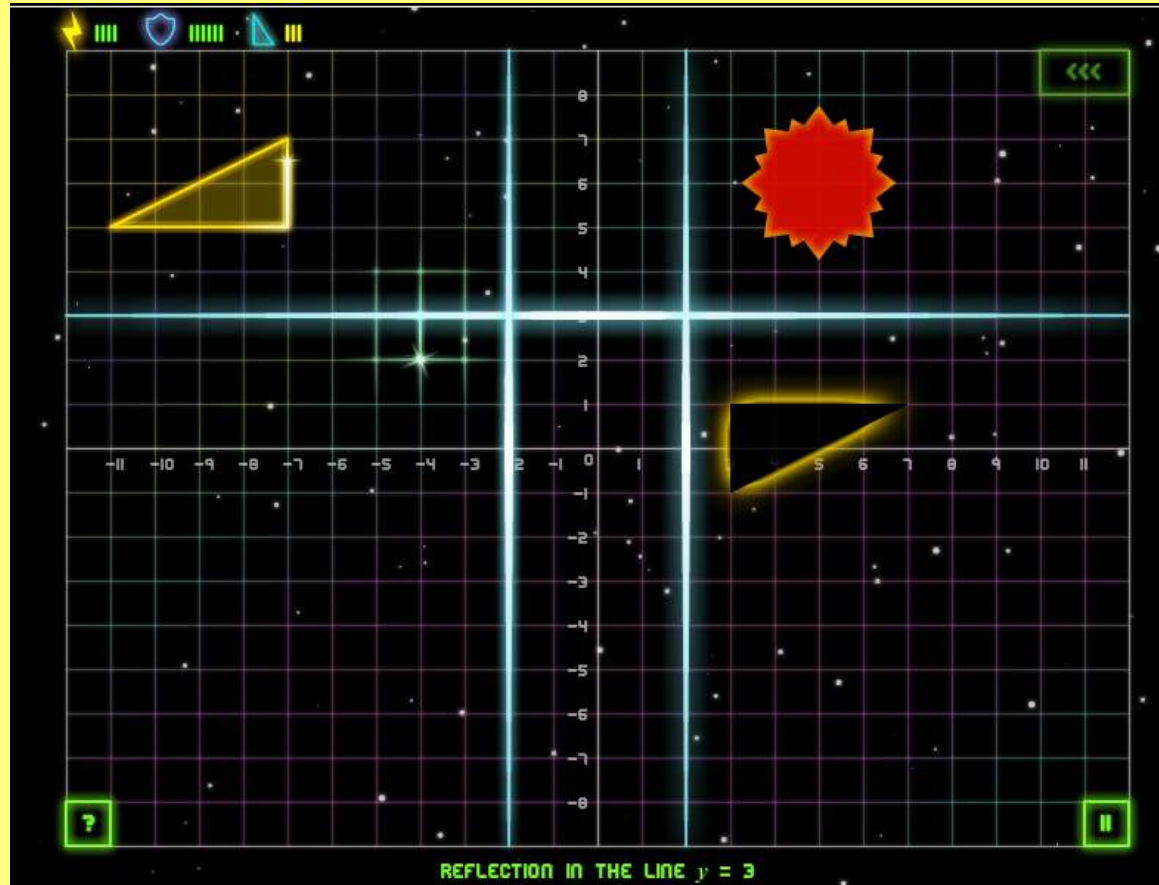
The screenshot shows the 'Dino Dig' game interface. On the left, there is a control panel with the title 'Dino Dig' and a dinosaur icon. Below the title are input fields for 'x' and 'y' coordinates, each with a directional arrow. Underneath are two 3x3 numeric keypads. A large empty text box is positioned below the keypads. A list titled 'dinosaurs left to find:' shows three fossil types with their respective counts: 4, 2, and 1. A 'total: 7' is displayed below the list. A progress bar and 'hit percentage: 16 %' are at the bottom left. The main area is a 10x10 coordinate grid with a river and a lake. Red 'X' marks indicate fossil locations at coordinates (1,4), (3,5), (5,8), (8,3), and (9,5). A green flag is located at (3,2). The grid is numbered 1-10 on both axes.

Find all the dinosaur fossils under the earth in this great coordinates game. Enter the coordinates where you want to dig to complete the game.

**Maths:  
Coordinates**

## [Manga High: Transtar](http://www.mangahigh.com/en_gb/games/transtar)

[www.mangahigh.com/en\\_gb/games/transtar](http://www.mangahigh.com/en_gb/games/transtar)



This is a great activity where learning have to flip and rotate the shape to reach the goal to complete the level.

**Maths:**  
**Symmetry**

# Manga High: Pyramid Panic

[www.mangahigh.com/en\\_gb/games/pyramidpaniclite](http://www.mangahigh.com/en_gb/games/pyramidpaniclite)



This is a Egyptian mummy themed game where learners try to keep ahead of the monster by answering questions about perimeter, area and more.

**Maths:  
Perimeter &  
Area**



# Manga High: Shape

[www.mangahigh.com/en\\_gb/maths\\_games/shape](http://www.mangahigh.com/en_gb/maths_games/shape)

The screenshot shows the game interface for a question about angles. At the top, it says "Question 1 of 5", "EASY", and "3 more correct to go up!". The score is 0. The question text reads: "These are 180° and 360° angles. A reflex angle is an angle between 180° and 360°. Identify the reflex angles." Below the text is a dashed blue box containing a diagram of an angle. To the right of the question is a vertical stack of three blue boxes, each containing a different angle diagram. At the bottom right of the question area is a "SUBMIT ANSWER" button. At the bottom of the interface, there are buttons for "2 FREE HINTS" and "1 FREE SOLVE".

This is a Egyptian mummy themed game where learners try to keep ahead of the monster by answering questions about perimeter, area and more.

**Maths:  
Perimeter &  
Area**

# Area

<http://www.st-andrews23.lancsngfl.ac.uk/download/494/Area.swf>

← Main **Find the area of the shape.**

units = cm    units = m  
units = mm    units = km

?

2cm

7cm

8cm

Shape name

Area = ?

Not to scale

1 2 3 4 5  
C 6 7 8 9 0 . cm<sup>2</sup> OK

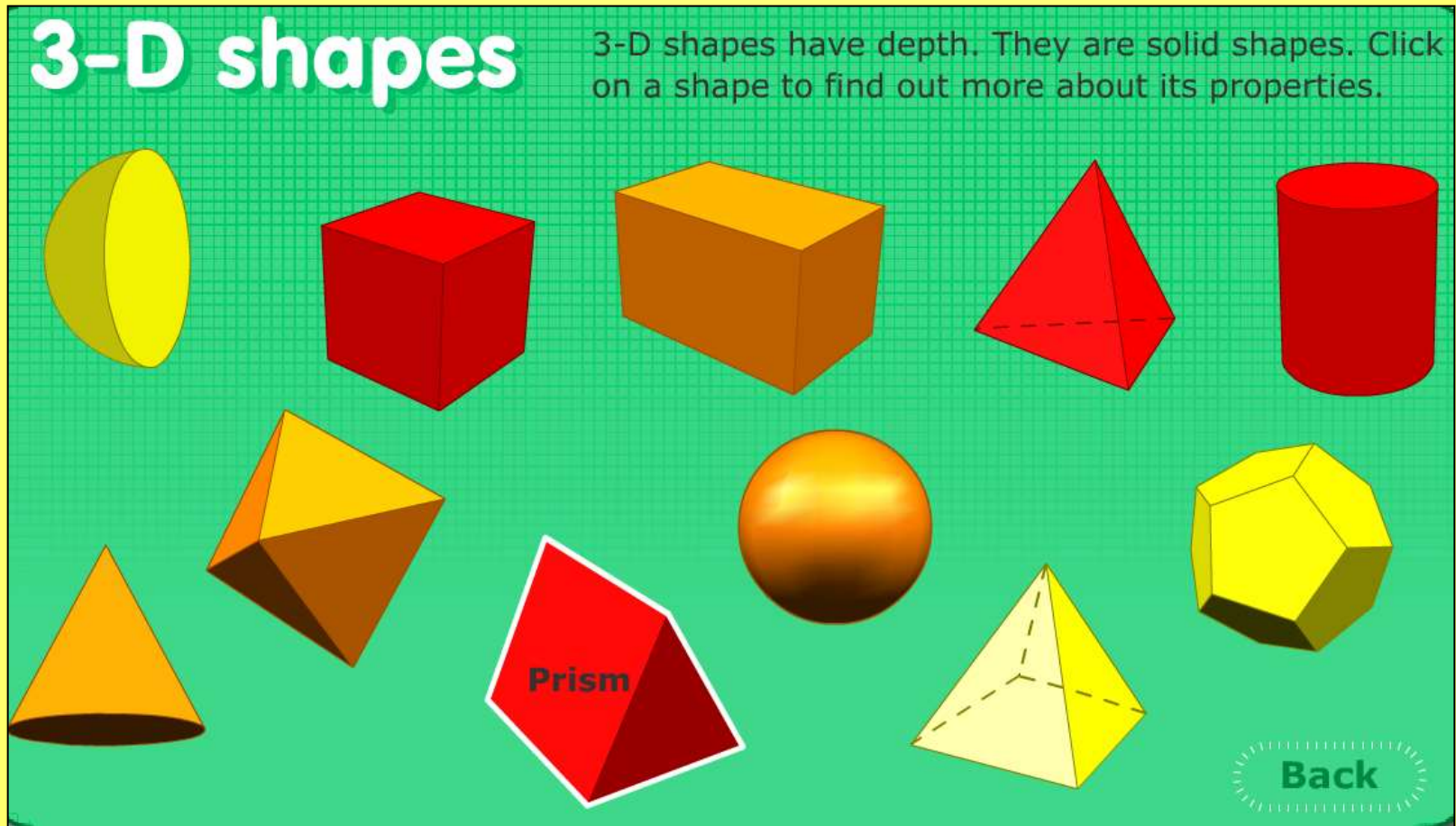
Again →

This is a super resource for learning about area. There are many levels to choose from and the tasks are automatically marked for instant feedback.

**Maths:**  
**Area**

## 2D & 3D Shapes

[http://www.bgfl.org/bgfl/custom/resources\\_frp/client\\_frp/ks2/maths/3d/index.htm](http://www.bgfl.org/bgfl/custom/resources_frp/client_frp/ks2/maths/3d/index.htm)



This is a wonderful site which teaches about 2D and 3D shapes. Explore the properties of each shape in detail and complete the activities.

**Maths:  
Shape**