



Lesson	Area/objectives from New Curriculum	Activity
Facts written with Roman numerals	<ul style="list-style-type: none"> read Roman numerals to 100 (I to C) read Roman numerals to 1000 (M) and recognise years written in Roman numerals. 	<p>*All activities can be easily edited to suit the different abilities within a class.</p> <p>Activity sheet 1 - Pupils are asked to read the Macbeth related facts and work out the roman numeral to complete the fact. Challenge pupils by asking them to research more number related Macbeth facts and asking them to write numbers in Roman numerals before giving them to a partner to work out.</p>
Design a new type of Tartan pattern	<ul style="list-style-type: none"> develop their ability to solve a range of problems develop their ability to solve a wider range of problems 	<p>Activity sheet 2 - Pupils should follow instructions to colour a tartan pattern on two coordinate grids. They are then able to 'free-design' their own tartan. Challenge pupils by asking them to write a set of instructions for a partner to create their tartan vision. They could also pre-design tartan and then sit back-to-back with a partner. They then describe the tartan to the partner. The partner then tries to recreate what they hear. They then compare the designs and discuss successes/improvements.</p>
Crack the code – work out a secret message	<ul style="list-style-type: none"> develop their ability to solve a range of problems develop their ability to solve a wider range of problems 	<p>Activity sheet 3 - Pupils attempt to 'crack' Macduff's message to his family. They should then try to write their own coded message telling Macduff that his family are no longer alive. Challenge pupils by asking them to create their own code.</p>
Data collection of staffs' favourite Shakespeare tragedy	<ul style="list-style-type: none"> interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs. 	<p>Activity sheet 4 - Pupils collect data on the favourite Shakespearean tragedy of staff. Pupils should then present the information in a bar chart and answer questions on the data. They then have the opportunity to ask three of their own questions, which a partner could answer. Challenge pupils by asking them to draw their own bar chart in their book (instead of using the activity sheet) or to present the data in an alternative way.</p>
Capacity of cauldrons (different size bowls)	<ul style="list-style-type: none"> ensure that they can use measuring instruments with accuracy estimate capacity 	<p>Activity sheet 5 - This is a practical activity. The teacher should provide pupils with various sized bowls. Children should estimate the capacity of each bowl. They should then use jugs to measure the capacity of each bowl. Pupils then find out the difference between their estimate and the actual and answer questions based on the results. To make it easier, the bowls should be labelled 1-8. Challenge pupils by asking them to convert between ml and l.</p>
Converting capacity of cauldrons	<ul style="list-style-type: none"> Convert between different units of measure convert between different units of metric measure: litre and millilitre 	<p>Activity sheet 6 - This activity asks pupils to convert from millilitres to litres and litres to millilitres. Challenge pupils by asking them to find different fractions/percentages of each capacity.</p>
Word problems	<ul style="list-style-type: none"> solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use use all four operations to solve problems involving measure 	<p>Activity sheet 7 - Pupils to answer various word problems linked to the story of Macbeth. Challenge pupils by giving them an act from Macbeth and asking them to create their own word problems linked to that part of the story. A partner could then answer these.</p>
Percentages of spell mixtures	<ul style="list-style-type: none"> recognise the percent symbol (%) and understand that per cent relates to 'number of parts per hundred', and write percentages as a fraction with denominator 100, and as a decimal 	<p>Activity sheet 8 - Pupils should work out the percentage of different ingredients in order to help the witches with their spell. Challenge pupils by changing the percentages to ones that they are less familiar with, i.e. 15%, 35%, 40% etc.</p>
Decimals and fractions of spell mixtures	<ul style="list-style-type: none"> recognise and write decimal equivalents read and write decimal numbers as fractions [for example, $0.71 = \frac{71}{100}$] 	<p>Activity sheet 9 - Pupils are asked to convert between decimals and fractions to fix the spells. Pupils can then create their own spell for a partner to convert. Challenge pupils by editing the activity to include trickier fractions and decimals.</p>
Reflection of Macbeth symbols	<ul style="list-style-type: none"> identify, describe and represent the position of a shape following a reflection or translation 	<p>Activity sheet 10 - Pupils start by reflecting two symbols. Then they are asked to translate two symbols. They are then able to reflect and translate their own symbol</p>



	<ul style="list-style-type: none"> identify, describe and represent the position of a shape following a reflection or translation, using the appropriate language, and know that the shape has not changed 	<p>Challenge pupils by asking them to rotate the letters in the word Macbeth.</p>
<p>Use information from a timetable of battles to answer questions</p>	<ul style="list-style-type: none"> complete, read and interpret information in tables, including timetables solve problems involving converting between units of time 	<p>Activity sheet 11 – Pupils use information from a table regarding the two main battles in Macbeth to answer questions.</p> <p>Challenge pupils by giving them further inference questions relating to the times. They could also create their own timetable of different events within Macbeth and pose their own questions.</p>
<p>Fractions of flags – colour the flag correctly</p>	<ul style="list-style-type: none"> identify fractions of a given fraction, represented visually 	<p>Activity sheet 12 – Pupils should colour the flags according to the instructions in the boxes. Where there are similar instructions, pupils should think of a different way to represent the fractions.</p> <p>Challenge pupils by changing the shapes to ovals or hexagons. Pupils could also design their own flags and then detail the fractions of the different colours.</p>
<p>Find the area and perimeter of different rooms in Cawdor Castle</p>	<ul style="list-style-type: none"> calculate the perimeter of a rectilinear figure calculate and compare the area of rectangles, including using square metres (m²) 	<p>Activity sheet 13 - Pupils work out the area and perimeter of different rooms in Cawdor Castle. They then answer questions based on their findings.</p> <p>Challenge pupils by changing the whole numbers to decimal numbers. Rooms could also be changed so that they are composite shapes.</p>
<p>Map coordinates of different locations in Scotland</p>	<ul style="list-style-type: none"> describe positions on a 2-D grid as coordinates 	<p>Activity sheet 14 - Pupils plot geographically significant places onto a map of Scotland.</p> <p>Challenge pupils by asking them to plot Scottish cities on the map, i.e. Edinburgh using a book or Ipad for reference.</p>