

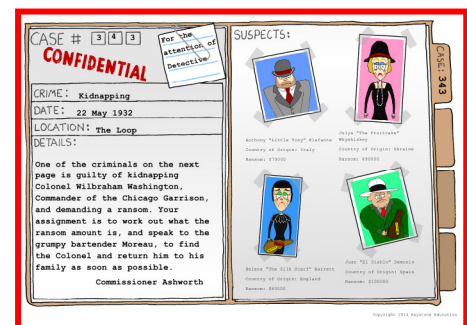
MULTIPLICATION AND DIVISION WHODUNNIT PUZZLES



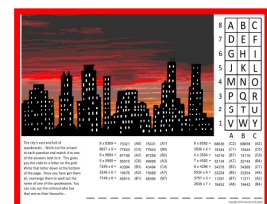
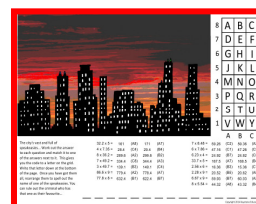
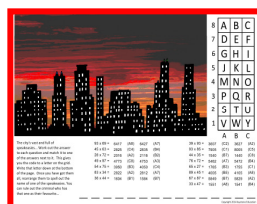
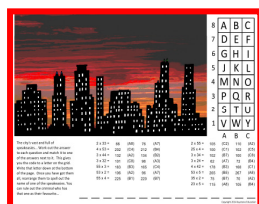
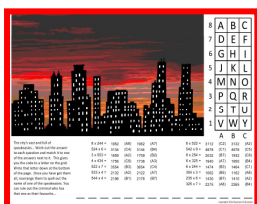
INFORMATION SHEET

What are the **MULTIPLICATION AND DIVISION WHODUNNIT PUZZLES**? They are a collection of 12 puzzles that can be used to teach your children written methods for multiplication and division. They are based around the dastardly deeds of some criminals in 1930s “Old Chicago”. They are colourful and cartoon-based to enthuse your children when they practise written methods.

Each of the puzzles is made up of tasks which the children have to complete to eliminate suspects who may have perpetrated a crime. Each of the tasks is different and has definite answers, allowing the teacher to know whether the child has completed the questions correctly - massively cutting down on marking, and allowing the teacher to analyse mistakes and work out next steps for children who got the task wrong.



The tasks within each puzzle are differentiated at five levels. However, all of the tasks look identical. This means that within the class five levels of work can be taking place, yet all of the children are working to solve the same puzzle which is massively motivating for children who find work difficult since they can actually finish at the same time, what appears to be, the same work as their peers.



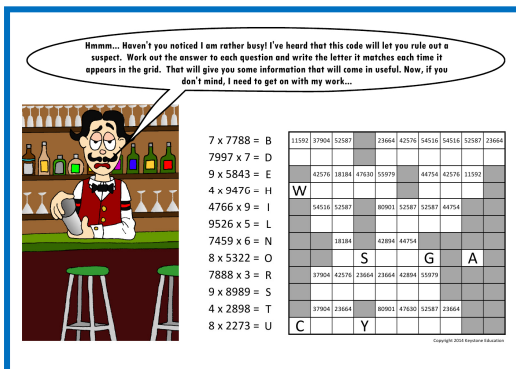
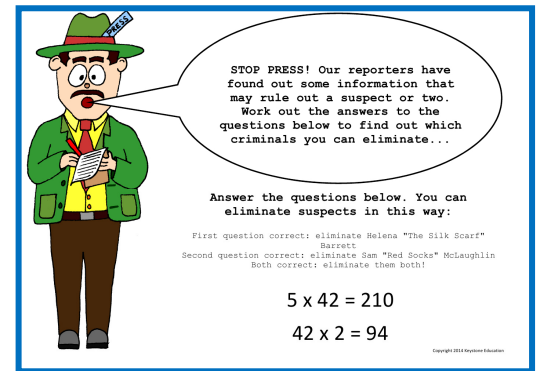
These five tasks all look identical but they are actually differentiated at five different levels!

The levels of differentiation within the puzzles are:

Multiplication: 2-digits by 1-digit
3-digits by 1-digit
4-digits by 1-digit
Decimals (1 or 2 decimal places) by 1-digit
2-digits by 2-digits
3-digits by 2-digits

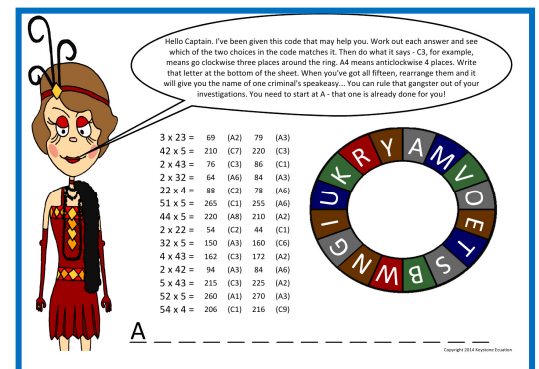
Division: 2-digit by 1-digit
3-digits or 4-digits by 1-digit
3-digits or 4-digits by 1-digit with remainders
3-digits or 4-digits by 2-digits
3-digits or 4-digits by 2-digits with remainders

Included with each puzzle are “Stop Presses”. These take several forms and make the **MULTIPLICATION AND DIVISION WHODUNNIT PUZZLES** extremely flexible. Firstly, there are stop presses that allow the teacher to “shortcut” one or two tasks. This is great if you don’t have time to run the whole four days of the puzzle - simply use the stop press to eliminate one or two days to fit the time you have available.

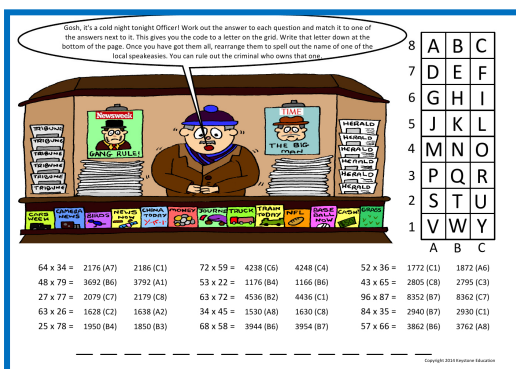


In addition, there are stop presses that allow you to assess the children. These can be used at the end of each lesson to determine groupings for the next day, or during the lesson following your first teaching (a technique so beloved by Ofsted!).

Finally, there is the “start or end of task assessment” that tests the children on all five or six question types they have been studying - perfect for pre- and post- scheme assessment.



The MULTIPLICATION AND DIVISION WHODUNNIT PUZZLES are ideal for use with the whole class, since it is so flexible and adaptable. However, it is also great for working with individual children who have not grasped written methods, and who need more input.



The MULTIPLICATION AND DIVISION WHODUNNIT PUZZLES are also ideal for homework. It is motivating for the children, extremely easy to differentiate, and requires very little marking - a cursory glance will do the trick!

In short, the MULTIPLICATION AND DIVISION WHODUNNIT PUZZLES are the ideal solution if you want to ensure that your children actually enjoy the increased emphasis on written methods.