



Summary

An activity that combines a set of dominoes with tasks to move up and down a league table, eventually getting to the top of the Premiership. What more could a student want?

Key Concepts

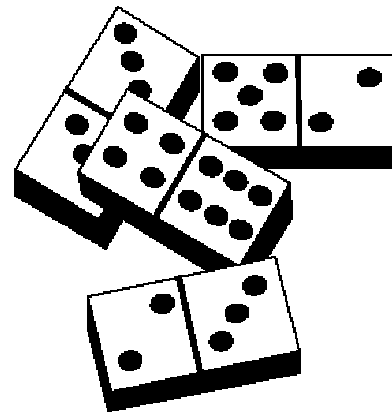
Games ; speed learning

Uses

KS1, KS2
Maths

Organisation

The basic idea of this activity is that of using one or more sets of dominoes to act as sturdy cards to provide a number of Numeracy calculations for students. The set of dominoes is laid face down. The student has to turn over each domino in turn and answer the question. This is repeated until all the dominoes have been correctly answered. Any incorrect answer means that the whole set must be turned face down again and the process begun again until they are all answered correctly. This exercise is done against the clock and the intention is to complete the full set in the shortest time.



The questions can be as simple as adding together the two digits on the domino. A slightly more difficult one could be to subtract the smaller from the larger digit. Multiplication would be a third level whilst expressing the two digits as a fraction would be a higher level. For more complex sets of questions the number side of the domino could be replaced with a question printed on card and stuck to the domino. This means that there is no limit to the level of sophistication of the type of question posed.

The reason for having different levels of difficulty is to allow the results from a number of students to place them into a league system, with parallels to the Football League. Simple additions could be the Second division, with students being allotted places according to their time. There could be a system of promotion to the next division for the fastest time – or when a target time is reached – which would be based on the next highest level of difficulty. The first division could be, for example, subtraction, the Championship could be multiplication and the premiership could be the fractions league.



$3+4$

5×3

$\frac{1}{3}$

$5-2$

League positions could be shown on wall displays and students given the chance to improve their league position by repeated attempts.

Variations

The idea that the dominoes could be used with questions on cards means that the whole activity could be amended to cover any subject where a series of quick fire questions can be asked. The difficulty of the questions could allow the activity to be used with older students and would be a good way to reinforce learning of factual information.

Resources

Set(s) of dominoes
Wall display materials
stopwatch