ATLANTIS		
Targets	**Advice**	**Links to online games**
I can multiply and divide whole numbers and those involving decimals by 10, 100 & 1000 and explain the effect. **Example question: What is 4.5 x 100? How do you know?**	**Click here to watch Maths Mansion about multiplying and dividing by 10, 100 and 1000.**	Multiply by 10, 100 and 1000.
I can halve any number with up to one decimal place. **Example question: What is half of 14.9?**	**Partition or 'split' the number. It also helps to think of the number as money. For the example question, half of £14 = £7 Half of £0.90 (or 90p) = £0.45 (or 45p) So, half of 14.9 = 7.45**	Hit the button! Select 'halves' from the menu, and then 'halves to 10 (1dp)' Super Maths Bowling. Select '17.Double Decimals' from the menu. Interactive Questions
I know by heart all squares of multiples of 10 up to 100. **Example question: What is 40 squared (40^2 or 40 x 40)?**	**For the example question, calculate 4^2 first (4 x 4 = 16). Then, multiply your answer by 10 (160) and 10 again (1600) because the question was 4<u>0</u> x 4<u>0</u>**	Hit the button! Select 'Square Numbers' from the menu Fishing Select 'Square Numbers' from the menu
I recognise and use cube numbers. **Example question: What is 4 cubed (4^3 or 4 x 4 x 4)?**	**Click here to find out more about cube numbers!**	Monty's wall Select 'Multiplication' from the main menu, and then 'Y5 Cube Numbers' Fishing Select 'Cube Numbers' from the menu Cube Questions
I can count forwards and backwards in steps of powers of 10 for any number up to 1,000,000. **Example questions: What is 10 less than 45 506? What is 1000 more than 69 564?**	**Powers of 10 simply means 10, 100, 1000, 10,000, 100,000 etc.**	