

Unit : Number  
Lesson : Prime & Composite Numbers.

Date : 16/1/2013

\* Objective : Identify prime numbers less than 60.

\* Starter : - Review multiples and factors  
- Review definition of prime number.

\* Body : - Using definition of prime numbers, Identify numbers as prime or composite.  
- Display examples on board.  
- Identify prime numbers less than 60 using 60 chart worksheet. (Use powerpoint to display the step by step instructions for students to refer to)

\* Steps :

1. Have students to cross out the numeral 1
2. Have them to circle number <sup>the</sup> 2, and cross out every other even number.
3. Have them to circle <sup>the</sup> number 3 and cross out every other multiple of 3
4. Have them to circle the number 5 and cross out every other multiple of 5
5. Have them to circle number 7 and cross out every multiple of 7
6. All remaining numbers are prime.

\* Plenary : - Review definition of prime numbers.

\* Resources white board, power point, worksheet

\* Teacher Note s - for plenary = did it as a game for the whole class { Display numbers students should stand if it is prime & sit if its composite .

\* Differentiation : - work more with low ability students while doing the worksheet  
- peer system  
- Ask critical questions for high level students .