|  |  |
| --- | --- |
| Prime numbers | I can apply my understanding of factors to investigate and identify when a number is prime.  MTH 3-05b |
| **Creating** | The sum of four even numbers is a multiple of four.  When is this statement true?  When is it false? |
| **Evaluating** | Can you think of a number that has one repeated prime factor?  Can you think of a number that has one repeated prime factor?  Or all different prime factors?  Which numbers less than 100 have exactly three factors?  What number up to 100 has the most factors? |
| **Analysing** | How do you go about finding the prime factors of a given number?  How do you go about finding the prime factors of a given number? |
| **Applying** | What are the prime factors of 125? 81? 343?  What do you notice?  Can a prime number be a multiple of 4? |
| **Understanding** | Why is 7 prime? |
| **Remembering** | What is a factor?  What is a prime number? |