Stage 7 – Checking, Approximating and Estimating

KEYWORDS

WHAT DO WE ALREADY *know?*

- Approximate any number by rounding to the nearest 10, 100, 1000, 10000 or 100000
- Estimate addition (subtraction) calculations with up to four digits
- Simplify a fraction by cancelling common factors

THE BIG PICTURE

- Rounding numbers, to a certain degree of accuracy.
- Use estimation and approximation to check answers to calculations

- Approximate
- Answer-Old English andswaru "a response, a reply to a question"
- Decimal Place say *dess imal*
- Check
- Solution
- Magnitude
- Estimate
- Inverse-"turned in the opposite direction" mid-15c., from Latin inversus. Say *in verse*
- Operation
- Significant

Checking, Approximating and Estimating - Targets	Before Topic	After Topic	Teacher Mark
· Round a number to a specific number of decimal places			
· Round a number to one significant figure			
· Estimate calculations by rounding numbers to one significant figure			
· Used cancellation to simplify calculations or expressions			