



BITESIZED



Literacy/Numeracy Tidbits for the Classroom

Did you know...

Estimating Reasonably

Did you know that according to the BC curriculum and the National Council of Teachers of Mathematics (NCTM), **estimation** in mathematics involves **using logical reasoning to make a reasonable approximation of a precise value?** It's a critical thinking skill that helps students to make quick calculations and check the reasonableness of their answer and enhances understanding and application of various mathematical concepts and processes.

Growing estimation skills will support students in making connections, developing mental math strategies, and making sense of quantities so that they can develop understanding of number concepts, especially for fractions, decimals, and percentages.

(Source: Shaheen Musani)

Consider trying...

ESTI-MYSTERY



How many noodles are in the vase?

As the clues appear, use the information to narrow the possibilities to a smaller set. After each clue, use estimation again to determine which of the remaining answers is the most reasonable.

Write down your first estimate. After each clue, you'll see if your estimate is still a possibility. After each clue, if it is no longer possible write down a new estimate – and be prepared to explain why you chose it.

An **esti-mystery** is an educational activity designed to build estimation skills, problem-solving, and logical reasoning in a fun and engaging way. The term combines "estimation" and "mystery," as students are tasked with solving a "mystery number" or value through a series of estimation-based clues.

Click on the image above to go to Steve Wyborne's website where you can find multiple examples to try in your classes!