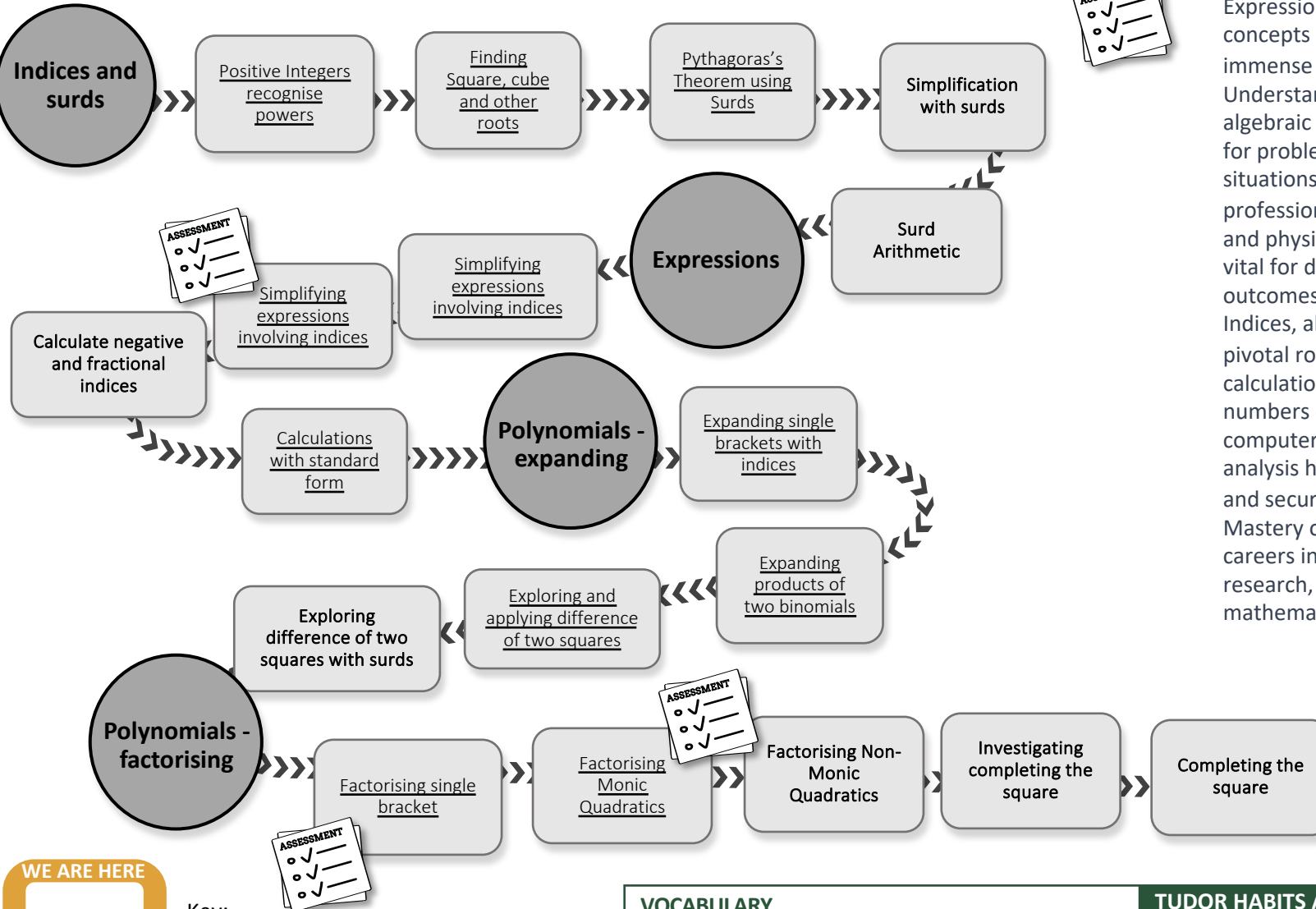




LEARNING JOURNEY

MATHS



Expressions and indices are fundamental concepts in mathematics that hold immense importance in various fields. Understanding expressions, such as algebraic equations and formulas, is crucial for problem-solving, modelling real-world situations, and advanced calculations. In professions like engineering, architecture, and physics, knowledge of expressions is vital for designing structures, predicting outcomes, and optimising systems. Indices, also known as exponents, play a pivotal role in simplifying complex calculations and representing large numbers compactly. Professions like computer science, cryptography, and data analysis heavily rely on indices to process and secure information efficiently. Mastery of these concepts opens doors to careers in STEM fields, finance, economics, research, and technology, where mathematical skills are in high demand.

WE ARE HERE

Key:
Crossover
Higher



VOCABULARY

- | | |
|------------------------------------|------------------------------------|
| ☐ Index | ☐ Factorise |
| ☐ Surd | ☐ Root |
| ☐ Quadratic | |

TUDOR HABITS AND VALUES

Navigating expressions and indices in math cultivates grit and determination through overcoming challenges, developing perseverance, and building resilience in problem-solving.