

LEARNING JOURNEY

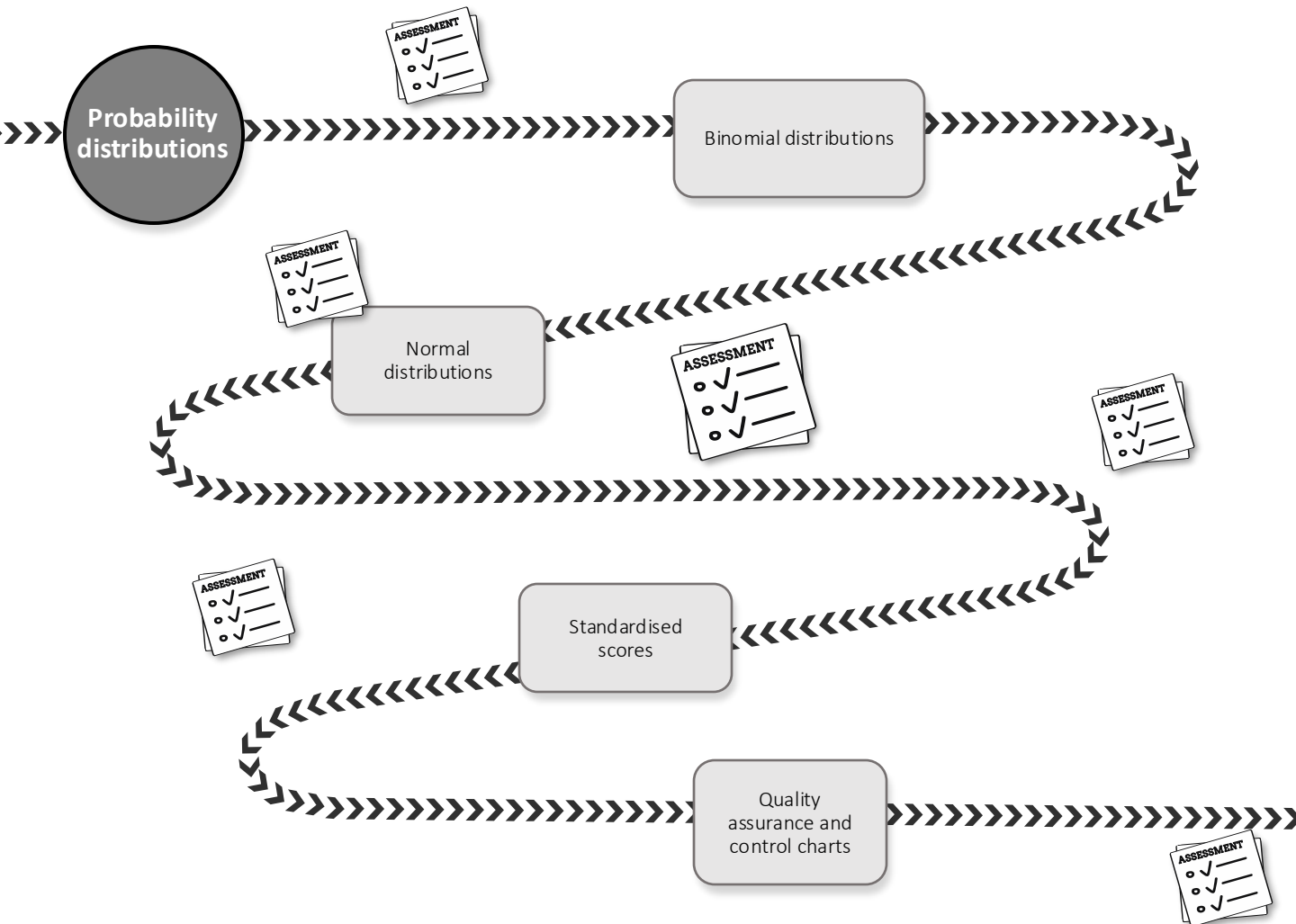
Statistics



Probability Distributions

Year 11 Unit 8

As a Statistician, we can use probability to see where the majority of a data set will lie and to judge if a particular point is within this 'normal' range. This allows us to locate outliers within a data set or to see if an event is particularly rare. Probability distributions are used to evaluate single data points within a large population or sample.



TUDOR HABITS AND VALUES: You will have the opportunity to understand probability distributions and how these are used to make decisions that impact on populations

VOCABULARY

- | | |
|---|--|
| ☐ Probability distribution | ☐ Skew |
| ☐ Binomial distribution | ☐ Control chart |
| ☐ Standard deviation | ☐ Warning limit |
| ☐ Normal distribution | ☐ Standardised scores |