

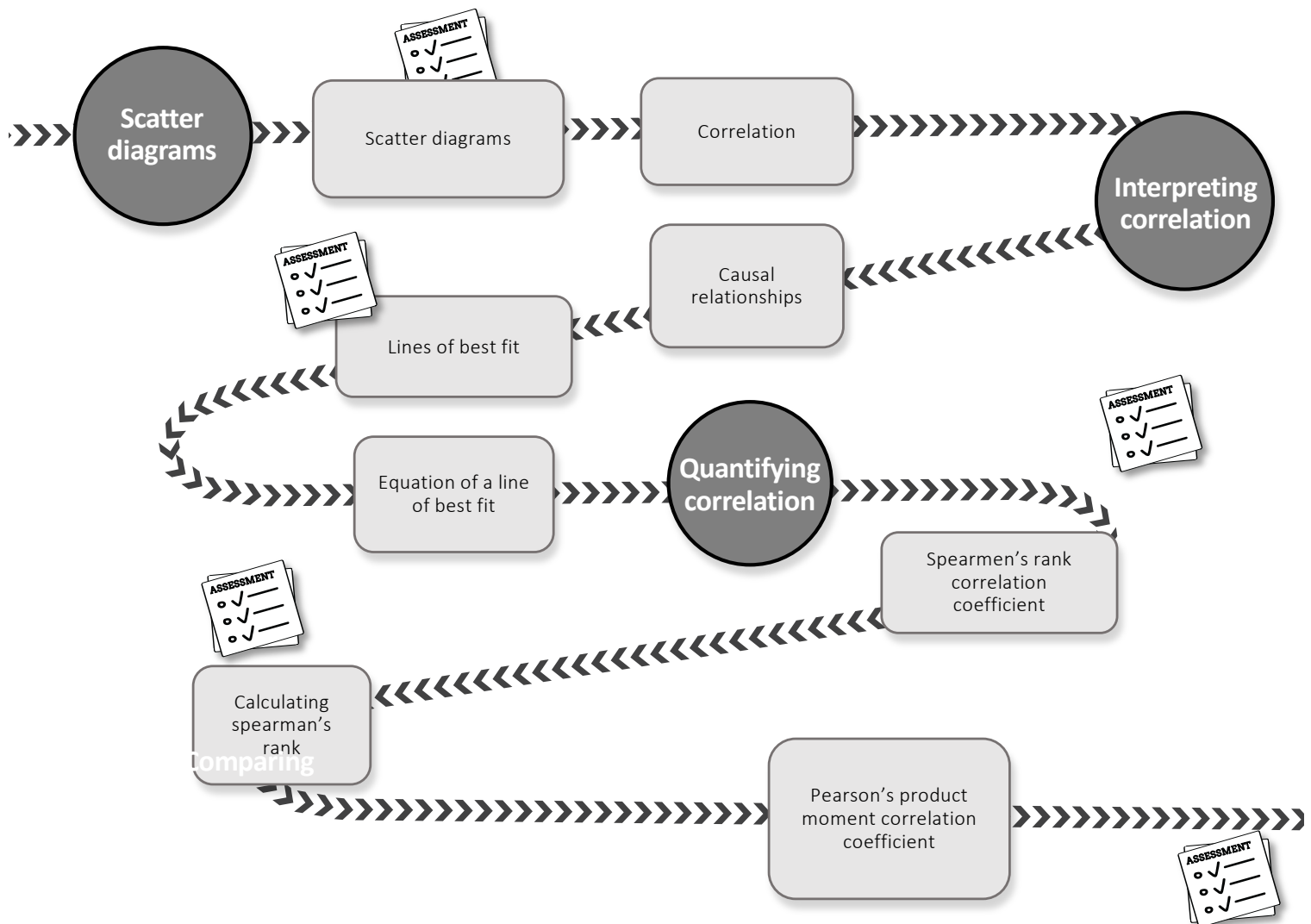
LEARNING JOURNEY **Statistics**



Scatter Diagrams and correlation

Year 10 Unit 4

As a Statistician, we are looking for connections between variables to see if one may have an effect on the other. Scatter diagrams and correlation form the beginning of this thinking. They can be used to imply a connection between observations and the relative strength of this connection.



TUDOR HABITS AND VALUES: You will build critical thinking skills, assessing whether a correlation suggests a causal link or is just coincidental

VOCABULARY

- | | |
|---|--|
| ☐ Associated | ☐ Causation |
| ☐ Correlation | ☐ Interpolation |
| ☐ Explanatory variable | ☐ Extrapolation |
| ☐ Response variable | ☐ Regression line |