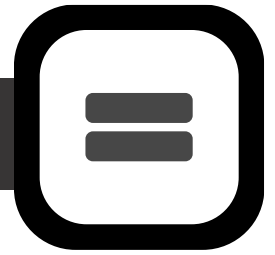


# LEARNING JOURNEY MATHS

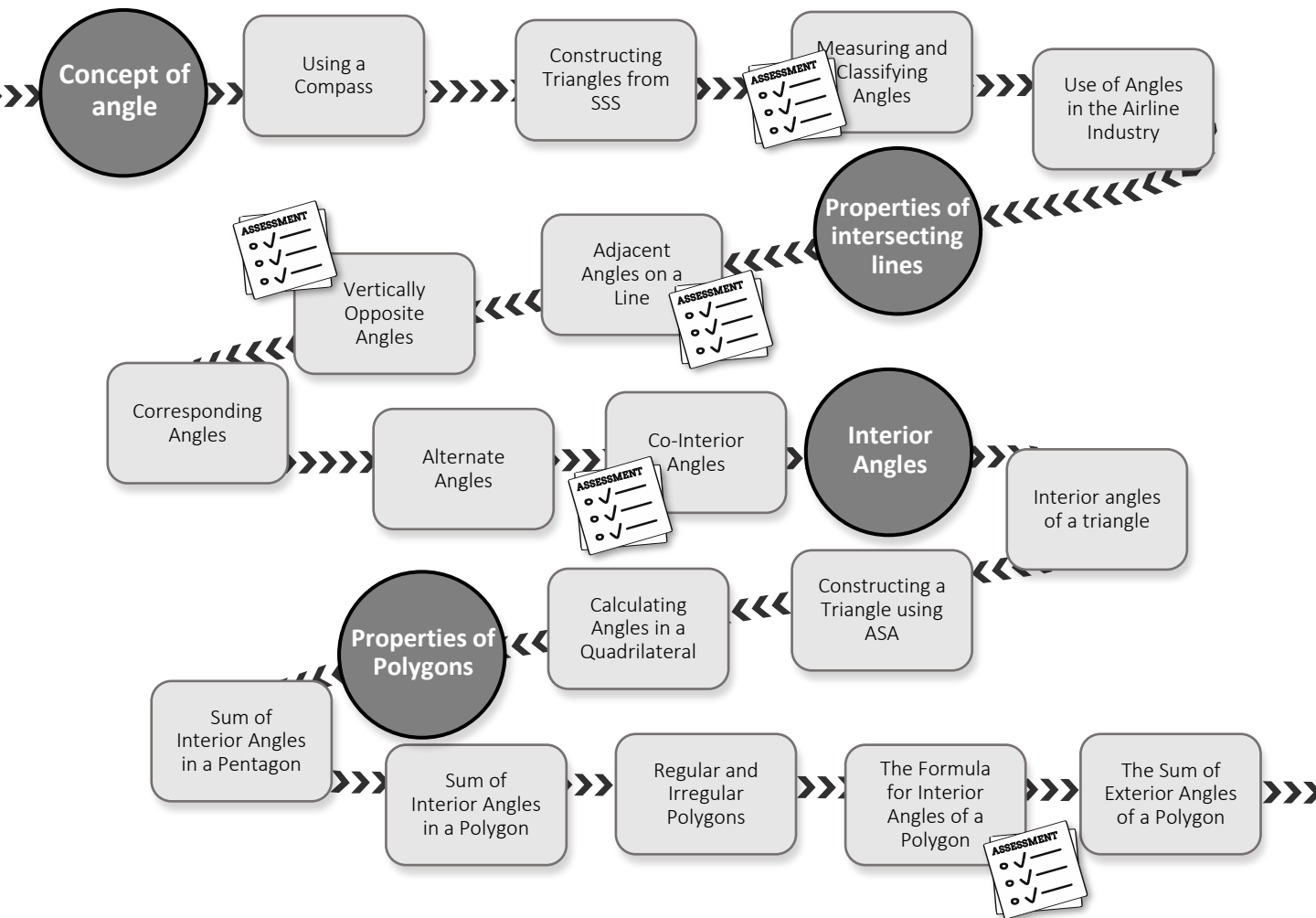


## Geometry: Angles

Year 8 Spring Half Term 1

Angles are fundamental in geometry. This half term we are going to learn about what happens when two lines meet at a point to create an angle, and how to describe and measure angles. From there we will derive facts about angles in parallel lines, triangle, quadrilaterals as well as any polygon!

The power of maths comes to life when we can accurately and comprehensively prove facts about angles that are universally true e.g. did you know the sum of interior angles of *any* pentagon that can ever exist sum to  $540^\circ$ ?



**TUDOR HABITS AND VALUES:** This half term we are going to dig deep into the meaning of angle and prove important facts about angles, this is going to take a lot of courage and grit.

### VOCABULARY:

- Angle
- Parallel
- Transversal
- Polygon
- Regular/Irregular