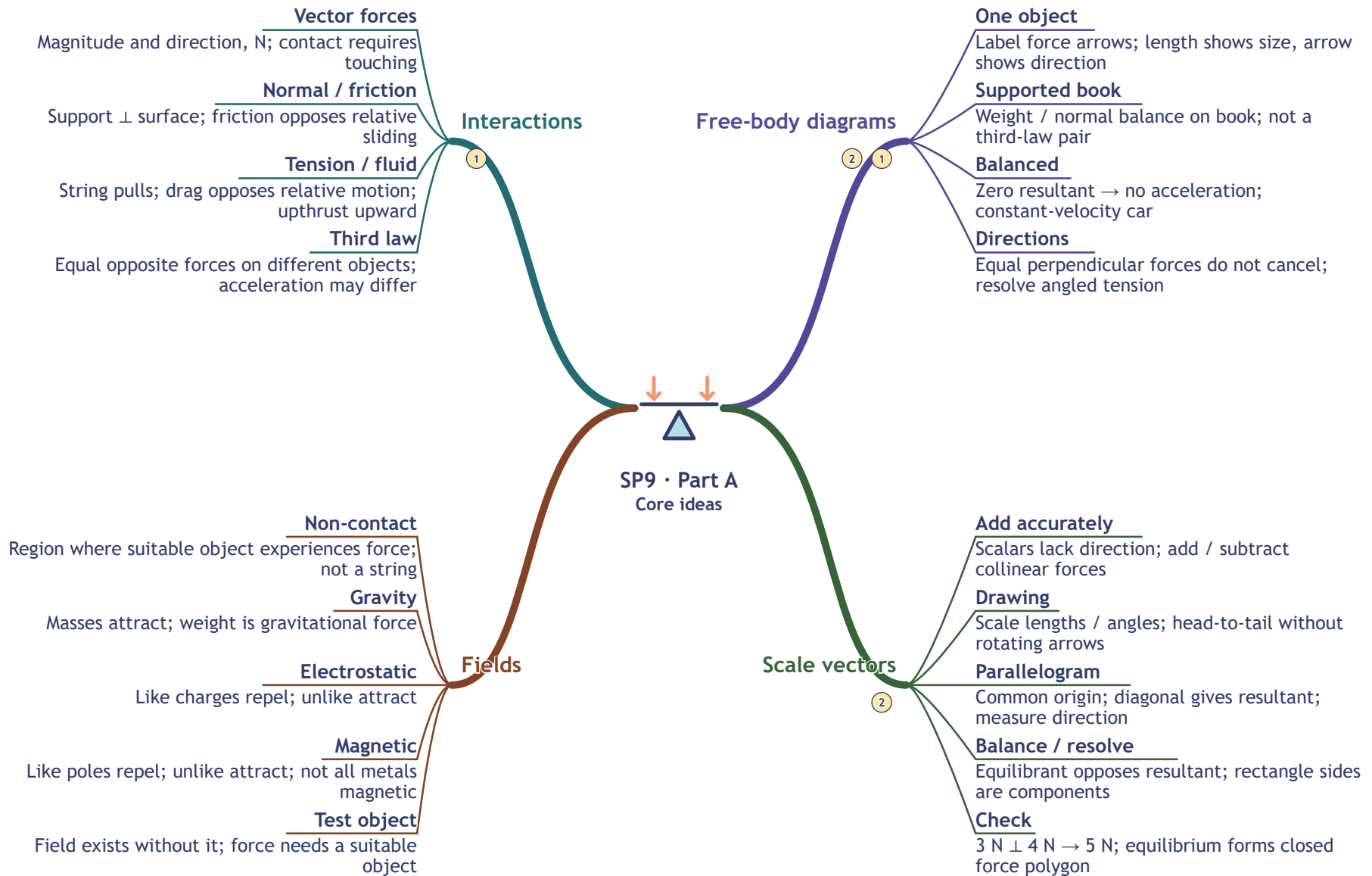




1. Interactions $\rightarrow$ Free-body diagrams: Free-body diagrams include forces on one object only.

2. Free-body diagrams $\rightarrow$ Scale vectors: Vector addition checks whether resultant force is zero.