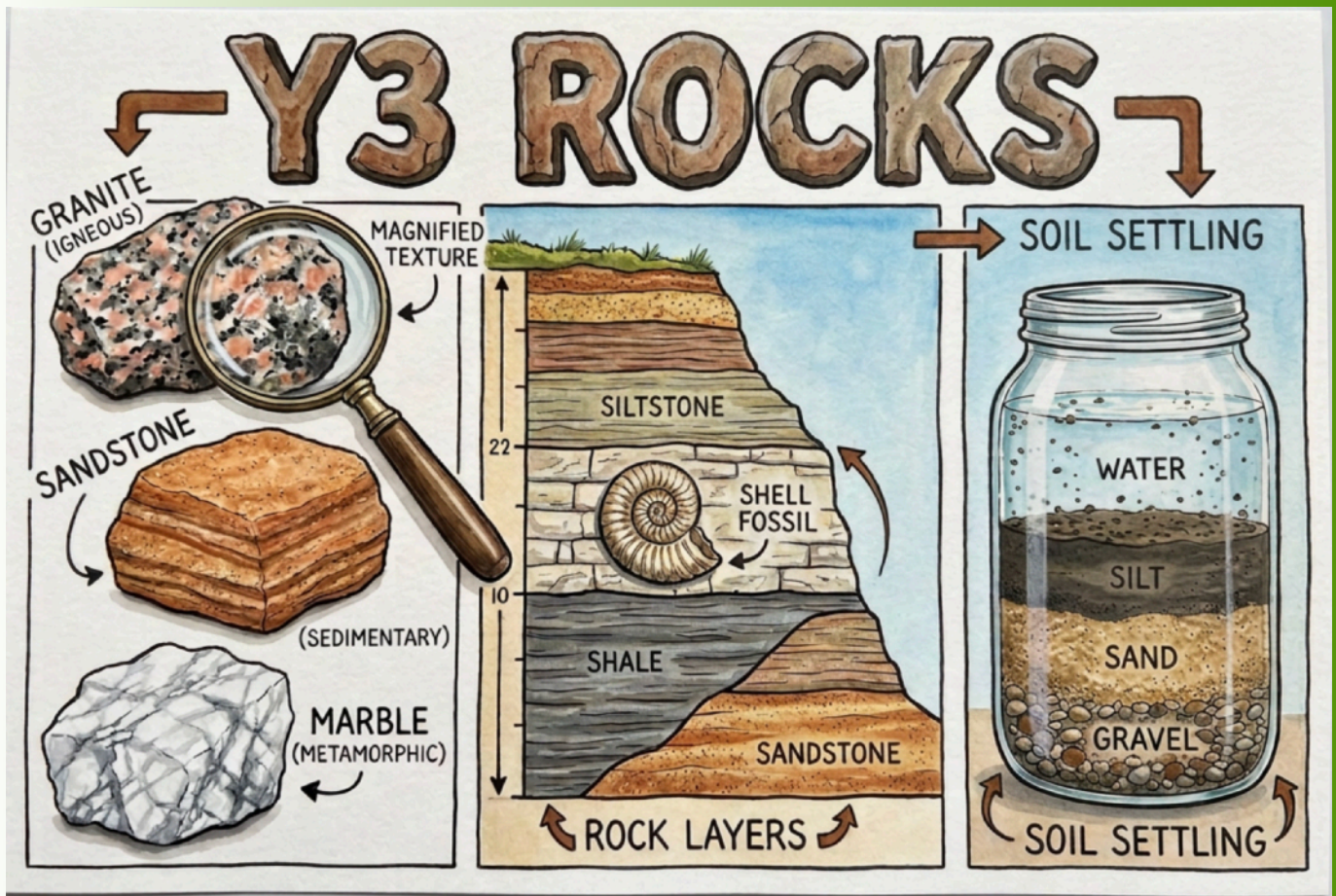




VOCABULARY

Tier 2 (Academic) Vocabulary:

Compare, group, observe, analyse, classify, absorb, density, process

Tier 3 (Subject Specific) Vocabulary:

Soils, organic matter, fossil, crystal, sandstone, granite, marble, pumice, absorbent, crumble, sedimentary, layer, sediment, igneous, magma, lava, gas bubbles, metamorphic, change, squeeze, pressure

WHAT DO I ALREADY KNOW?

- I can identify rock as a material and test simply physical properties (hard, soft, rigid, waterproof)

KNOWLEDGE	SKILL
I can observe and classify rocks by physical appearance criteria.	CLASSIFYING
I can test and rank rocks for hardness, buoyancy and absorbency	COMPARATIVE TESTING
I can research and model the formation processes of the 3 main rock types.	MODELLING & RESEARCHING
I can sequence and describe the stages of fossil formation.	RESEARCHING & SEQUENCING
I can separate and identify rock particles and organic matter in soil.	OBSERVING OVER TIME
I can conduct a fair test on soil permeability and drainage rates.	COMPARATIVE TESTING