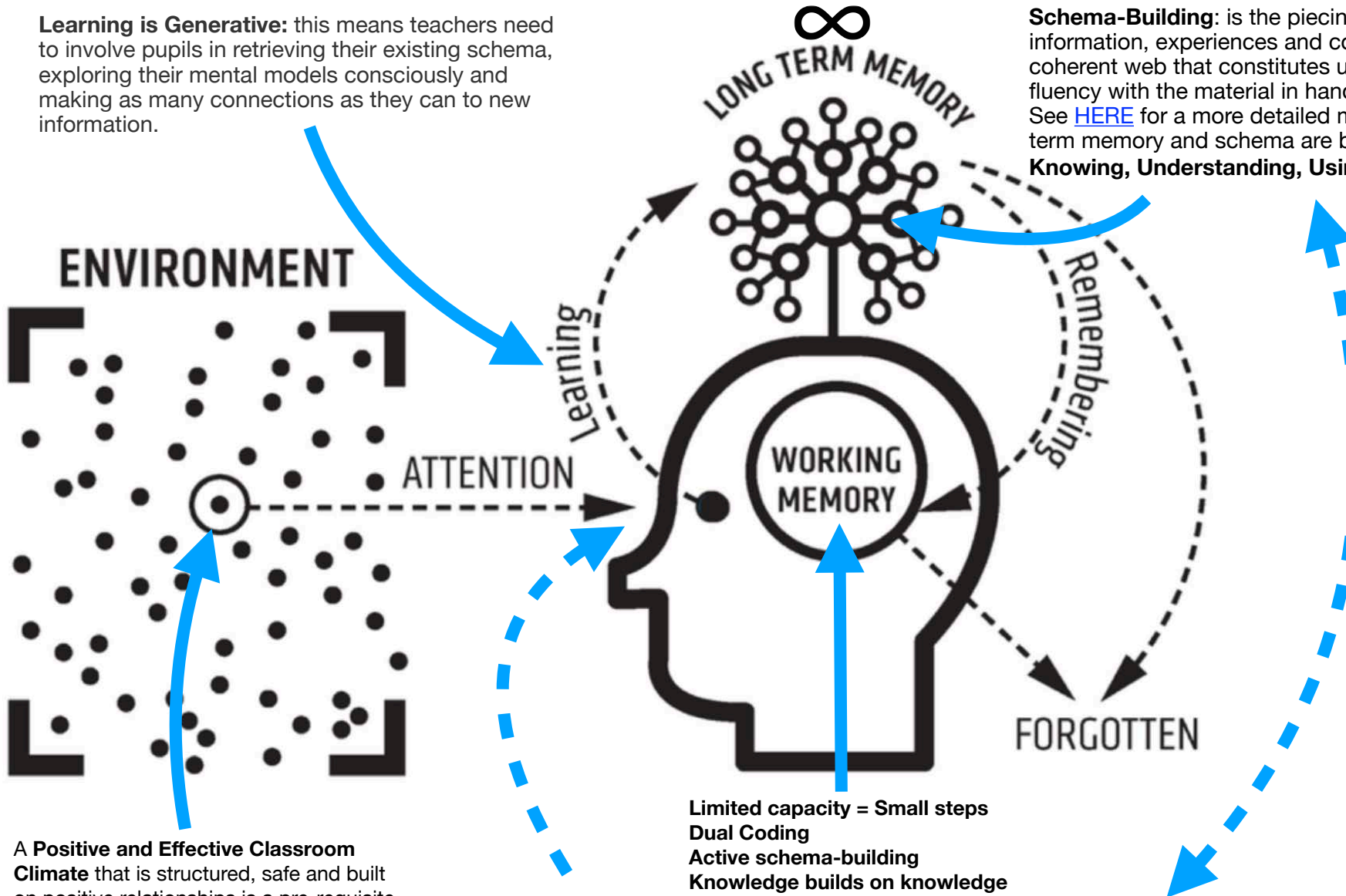


# Teaching with Memory in Mind

**Learning is Generative:** this means teachers need to involve pupils in retrieving their existing schema, exploring their mental models consciously and making as many connections as they can to new information.

**Schema-Building:** is the piecing together of ideas, information, experiences and concepts to form a coherent web that constitutes understanding and fluency with the material in hand. See [HERE](#) for a more detailed model of how long-term memory and schema are built through **Knowing, Understanding, Using & Mastering**.



A **Positive and Effective Classroom Climate** that is structured, safe and built on positive relationships is a pre-requisite in providing the optimal conditions for learning.

- Limited capacity = Small steps
- Dual Coding
- Active schema-building
- Knowledge builds on knowledge

Both **Declarative Knowledge** (Facts) and **Procedural Knowledge** (Skills) are required for mastery of a subject.

**Declarative knowledge** = Knowing *that* = Facts

**Procedural knowledge** = Knowing *how* = The steps that can be performed (Skills)