Science of Learning Made Simple for teachers and parents for Smart Learning

Fundamental
Human Brains are Plastic
Human Activities shape Brain Development

1 Learning is Meaning-making
Learning is individual. Students as active learners.
Motivation, Choices, Autonomy

2 Learning is Knowledge Construction
Learning is not receiving. Respect diversity in learning.
Different modes of learning for knowledge, skills, attributes, attitudes and values.

3 Learning Experiences are Essential
Broaden learning experiences. Early real-life experiences.
Engaging society at large for learning experiences.

4 Understanding and Practising are Intertwined
Learning by doing. Constructive Memorization.
Measuring what students can do, rather than what they know.

5 Learning is Holistic
Learning in context. Implicit learning.
Respect unintended outcomes or divergent outcomes.

6 Learning is a Social Activity
Learning in groups. Discussions and Interactions.
Taking perspectives. Respect of diverse views.

These are meant for educators and parents in judging different learning approaches, against all kinds of fashionable “new approaches”, and unfounded assertions. They also challenge goals of education.