

### **(I) N'RICH approach**

In N'RICH, we focus on the principles of learning. We strongly believe in being S.M.A.R.T. when it comes to achieving our goals.

The principles of learning involve :

- (i) Scaffolding
- (ii) Memorising
- (iii) Applying
- (iv) Reinforcing
- (v) Testing

To check if you have learnt well, read the differences to find out if you are a deep approach learner or a surface approach learner.

### **Differences between learning by deep approach and surface approach**

<b>Deep Approach</b>	<b>Surface Approach</b>
Intention to understand	Intention to complete task requirements
Vigorous interaction with content	Memorise information needed for assessment
Relate new ideas to previous knowledge	Failure to distinguish principles from examples
Relate concepts to everyday experience	Treat task as an external imposition
Relate evidence to conclusions	Focus on discrete elements without integration
Examine the logic of the argument	Unreflectiveness about purpose or strategies

### **(II) N'RICH Methodology**

Using the principles of S.M.A.R.T.,

- Scaffold** : Create mnemonics using a range of mnemonic devices.  
(\*Technique for scaffolding needs to be acquired.)
- Memorise** : Commit to memory once the scaffold is done.
- Apply** : Recall scaffold and use them as a tool for recall to answer a range of questions.
- Reinforce** : Keep recalling your scaffold for storage into long-term memory
- Test** : Test yourself again periodically on various topics to keep your scaffolds "alive".

Once that is achieved, learning becomes fun and it will not become a chore anymore.

### **(III) N'RICH Assessment & Review**

Assessment and review is an integral part of learning. For the weaker students, our tutors constantly interact with them to understand their learning approaches and needs so as to help them achieve their goals. For the better students, they are challenged with higher-order thinking questions to keep them engaged.

Every child has the potential to achieve and that potential has to be optimised. Every child who finds meaning in learning and stays motivated will enjoy the process of life-long learning.