

Principles of Effective Learning

- Teaching is designing for learning
- Designing for learning is an art form
- As in any art form, there are principles that guide good design

Principles of Effective Learning

Many heads are better than one	-	COLLABORATION
We don't automatically have the necessary skills to learn	-	DEVELOP SKILLS - cooperative - organisational - thinking - operational - task specific
The brain needs to be stimulated to learn	-	CHALLENGE CURIOSITY MYSTERY/INTRIGUE EXCITEMENT RELEVANCE
We need to feel secure to learn	-	PROTECT SELF ESTEEM SAFE, SUPPORTIVE ENVIRONMENT NON-THREATENING
We can be challenged/stimulated by the standards set by others	-	HEALTHY COMPETITION
The brain needs to talk to learn	-	SHARING DISCUSSION DEBATE
We learn with our whole body	-	MULTISENSORY EXPERIENTIAL
We learn when we have a purpose	-	FOCUS/GOAL
We yearn to achieve	-	ACCESSIBLE, ACHIEVABLE CHALLENGES. CELEBRATION REWARD

We yearn for enrichment	-	VARIETY/DIVERSITY CREATIVITY
We learn by copying	-	MODELLING
Understanding develops through examples, metaphor & models	-	SHOW EXAMPLES AND NON-EXAMPLES
We need to know how we're going	-	FEEDBACK
We yearn to express ourselves	-	OWNERSHIP CHOICE
Everyone likes to be acknowledged and to contribute	-	INVOLVEMENT
Understanding is essential to meaningful language acquisition	-	UNDERSTANDING BEFORE DEFINITION & PROPOSITION
Learning is constructing and reconstructing meaning	-	VALUE PRIOR KNOWLEDGE
The brain finds it easy to learn patterns - difficult to learn arbitrary information	-	DRAW OUT THE ESSENCE/MEANING FIND THE PATTERN
Mastery in learning requires practice and persistence	-	PERSEVERANCE CONSOLIDATION PRACTICE