

**Focus Question: What is required for meaningful learning?**

**Meaningful Learning**

requires

**Learner's  
Prior  
Knowledge**

**relevant  
to**

**Meaningful  
Material**

**to use**

**Learner  
Chooses**

*metacognition,  
motivation,  
self-regulation*

**assessed  
by**

**selected  
by**

*e.g., using  
concept  
maps*

**to**

**Link new  
with prior  
knowledge**

**not to  
use**

**Rote  
Learning**

**encourages**

*Searching as  
Learning  
platforms*

**Teacher/  
manager**

**discourages**

