

When resources prompt...

Generative Learning

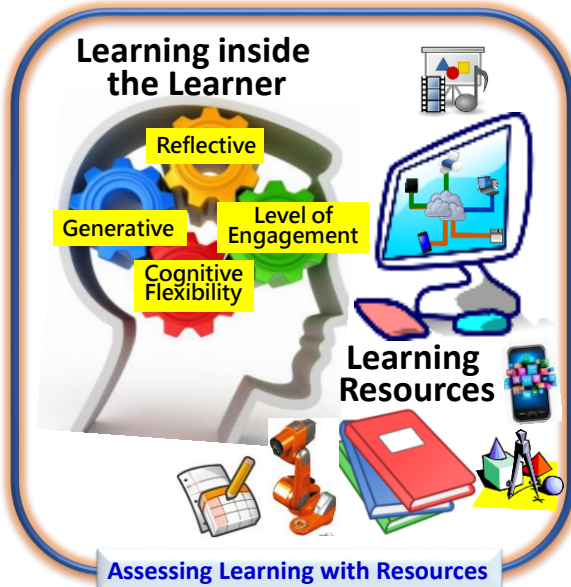
- Organize and integrate new information
- Hands-on – Minds-on
- Physical and cognitive manipulation of new content

When resources support...

Cognitive Flexibility

- Engaging in multiple perspectives of content
- Taking on multiple roles in viewing content
- Thinking in different and flexible ways about content

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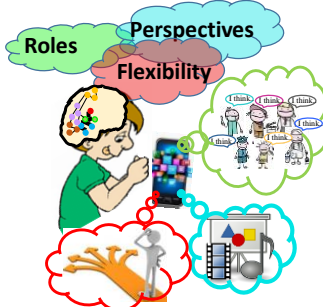
Reflection

- Exploring and monitoring self-knowledge
- Applying new knowledge to realistic settings
- Exploring application of knowledge to other contexts

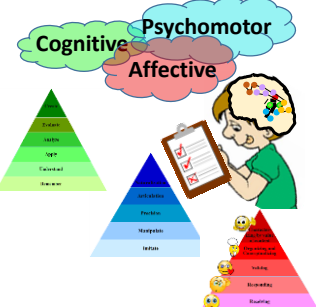
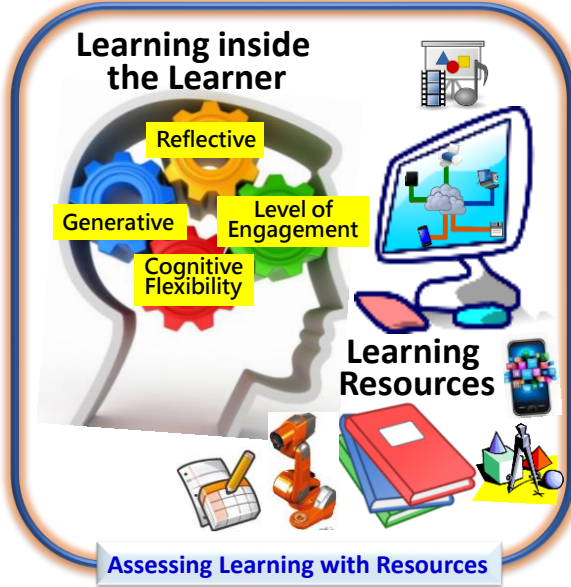
When resource is based in...

Level of Engagement

- Cognitive, Affective, Psychomotor domains
- Multiple levels of learning in each domain
- Engaging at levels based on expected outcomes



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EXAMPLE: Learning Resource that engages students in learning about volcanos...Website combining video/text/graphics on volcanic eruptions

Hands-on--minds-on ...
View/label/outline
anatomy of volcanoes/
create model

Cognitive flexibility ...
provides view of
volcano from
volcanologist / weather
– flight specialists (ash
plumb), naturalists
studying
environmental impact,
community members –
damage to life



Reflection ... what do I
understand about
volcanos, how does
this help me with this
lesson, what does this
relate to outside of
this instruction

Level of Engagement
... simple to very
complex information,
direct and surrounding
information