USING IMAGES AND OBJECTS AS DISCUSSION STARTERS

MAKING THINKING VISIBLE

Presenter: Carolyn Raynor, Ph.D.
AGENDA

• WHAT IS THINKING?
• VISIBLE THINKING
• THINKING ROUTINES & SKILLS
• USING OBJECTS & IMAGES AS DISCUSSION STARTERS
INTRODUCTIONS

• YOUR NAME
• WHAT COLLEGE/DEPT ARE YOU FROM?
• WHAT INTERESTED YOU IN TODAY’S TOPIC?
WHAT IS THINKING?
THINKING IS...

- Types of thinking
- Turning thinking into understanding
- Real-life examples

Source: istockphoto.com
WHAT IS VISIBLE THINKING?
VISIBLE THINKING IS...

- Learner centered
- Deeper understanding
- Engaging with ideas

Source: kobo.com
THINKING ROUTINES & SKILLS
VISIBLE THINKING
ROUTINES

- Promotes deeper understanding
- Helps students understand how they think & learn

Source: hollyclark.org
VISIBLE THINKING SKILLS

8 Thinking Skills:

1. Observe and Describe
2. Explain and Interpret
3. Reason
4. Make Connections
5. Perspectivism
6. Form Conclusions
7. Wonder and Question
8. Dive beneath the surface

Source: hollyclark.org
USING OBJECTS & IMAGES AS DISCUSSION STARTERS
THINKING ROUTINES
THINKING ROUTINES
USING OBJECTS/IMAGES AS DISCUSSION STARTERS

At the beginning of a unit/module:
- See-Think-Wonder

Thinking Skills
- Observe and Describe (1)
- Explain and Interpret (2)
- Reason (3)
- Wonder and Question (7)

Source: deepdesignthinking.com
THINKING ROUTINES
USING OBJECTS/IMAGES AS DISCUSSION STARTERS

During the unit/module
- Generate-Sort-Connect-Elaborate (GSCE): Concept Maps

Thinking Skills
- Reason (3)
- Make connections (4)
- Dive beneath the surface (8)

Source: thrivinglearners.org
THINKING ROUTINES
USING OBJECTS/IMAGES AS DISCUSSION STARTERS

At the end of a unit/module
- Living Images: Bringing History to Life

Thinking Skills
- Reason (3)
- Perspectivism (5)
- Form conclusions (6)
- Wonder and question (7)
- Dive beneath the surface (8)

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thank you