

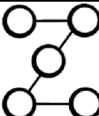


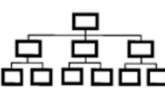







Differentiation  
with  
Depth & Complexity  
by  
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Icon	Definition	Prompt
	Language of the disciplines - the specific specialized and technological terms associated with a specific areas of study	specialized vocabulary; tools used by disciplinarians; names of skills or tasks particular to people working within the discipline
	Details specific characteristics that describe a concept, theory, or even a fact.	parts; attributes; factors; variables
	Patterns recurring events represented by details	repetition; predictability; recurring events; cycle; repeated features
	Trends refers to factors that influence events	influences; forces; direction; course of action; fads
	Unanswered questions - the ambiguities and gaps of information recognized within an area or discipline under study	dilemmas; ambiguities; unclear ideas; discrepancies; yet unknown; not understood; lacking in explanation; incomplete ideas
	Rules the natural or person-made structure or order of things that explains the subject in study	Structure; order; explanation; organization; laws
	Ethics the controversial issues that plague an area of study	different opinions; judging; bias; controversial issues; problems; morals; prejudice; discrimination
	Big Ideas the generalizations, principles, and theories that distinguish themselves from the facts and concepts of the area or discipline under study	overarching ideas; broad idea that can be supported with evidence; generalization; universal concept to connect all learning
	Over time the understanding of time as an agent of change and recognition that the passage of time changes our knowledge of things	looking at past; present; and future; relationships within a time period; applying from the past to the present
	Perspective the concept that different points of view alter the way ideas and objects are viewed and valued	different points of view; ways of seeing and reporting things; opposing viewpoints; outlooks; interpretation
	Across the disciplines connections made within, between, and among various areas of study or disciplines	connections among disciplines; touching on many subjects all at once; relationships within the disciplines; relationships between the disciplines

## How do I teach kids this?

- Talk about what an icon is-  
Brainstorm

## Why icons?

- Our brain takes pictures
- Each of the icons are needed to master a subject.

Depth	Complexity
Explores details of new knowledge	Examining Relationships
Patterns & Connections	Connections to other concepts
From concrete to abstract	Layering
From Unknown to Known	Bridges between Diciplines
Examines topics deeply by: facts concepts generalization theories principals	More sophisticated associations with diverse topics
	Multiple solutions
	Multiple points of view

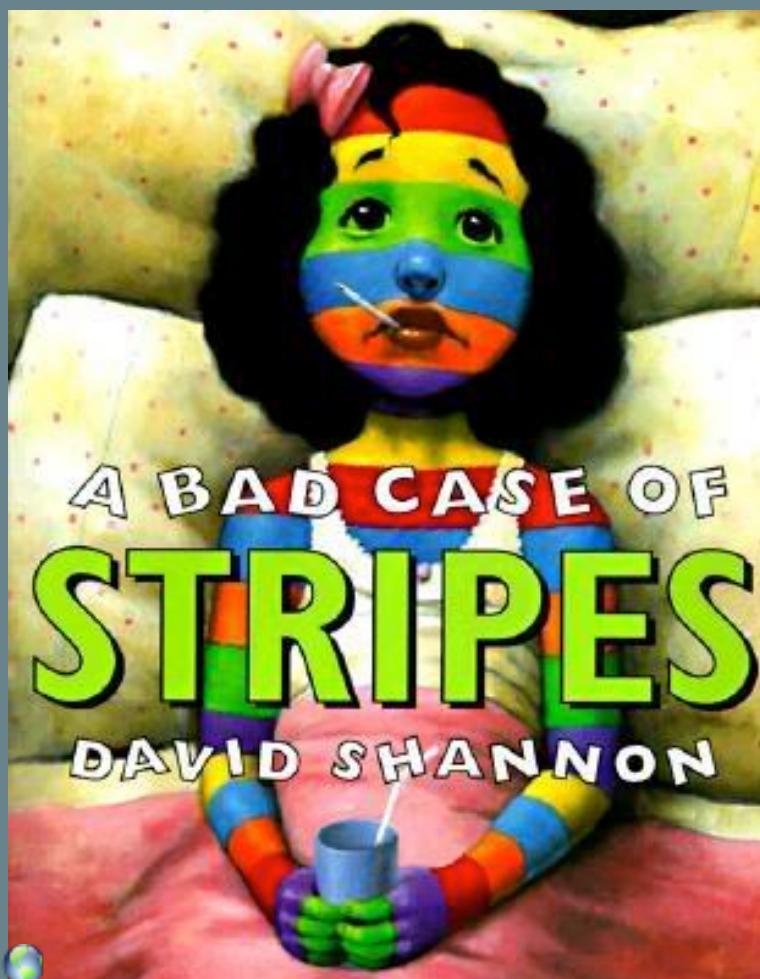
# Remember....

**It is NOT about teaching the icons.**



**We ARE teaching concepts to new levels of depth in more complex ways.**

**By using pictures to help our brains remember thinking strategies.**

Introduction Icon Lesson  
A Bad Case of Stripes  
by David Shannon



# Frames

- They are open-ended so you can create them for your needs.
- Rubric for grading  

- This book can give you some guidelines  


# Other Resources

- X Drive: All Staff-  
Staff Development-  
Differentiation-Depth &  
Complexity



<http://www.jtayloreducation.com/>

• J Taylor Education