Module Home



**Outline­**

**How People Learn**:

Presenting the Learning Theory and Inquiry Cycle on which the IRIS Modules Are Built

* Module Description: This module explores the components of the HPL framework and the *STAR Legacy* cycle on which the IRIS Modules are designed (est. completion time: 2.5 hours).

Challenge

* Video: Kellie is a new faculty member and has been working hard to…

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Initial Thoughts

* How can faculty present important content to be learned in ways that improve student learning?
* Is there a tool or format that helps faculty organize effective instruction?
* Are there modules available for faculty use that are based on learning science research and, therefore, really do increase student learning? If so, how can faculty use them?

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Perspectives & Resources

* Module Objectives
* Briefly explain the HPL framework
* Explain the *STAR Legacy* Cycle
* Understand how to use IRIS Modules

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* Page 1: Overview of the HPL Framework
* The IRIS Center believes…. [bullet points]
* Four Lenses That Focus Learning: Understanding the *HPL* Framework
  + Video: Watch the movie for an overview of the *HPL* Framework…

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* Page 2: Learner-Centered Learning Environments
* In a learner-centered learning environment, the instructor…
* Audio: Listen to the audio clip to further your understanding…
* A learner-centered classroom seeks to avoid the… [bullet points]
* Fish is Fish
  + Video: The Fish is Fish movie illustrates how we construct…
  + Audio: John Bransford illustrates how we construct new…
* Memory
  + Video: The following movie illustrates that making the…
  + Audio: John Bransford illustrates that making the right…
* Learner-Centered Example

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* Page 3: Knowledge-Centered Learning Environments
* An instructor who wants to create a knowledge-centered… [bullet points]
* However, within these questions are a number of… [bullet points]
* Audio: listen to the audio clip to expand your understanding of…
* Bass Fishing
  + Video: The Bass Fishing movie contrasts learning a skill with…
  + Audio: John Bransford contrasts learning a skill with…
* Wisdom
  + Video: Click on the movie about cultural wisdom…
  + Audio: John Bransford discusses the concept of conditionalized…
* Knowledge-Centered Example
  + Link: Accessing the General Education Curriculum: Inclusion Considerations for Students with Disabilities [web page]

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* Page 4: Assessment-Centered Learning Environments
* Valuable information for faculty and students may be obtained…
* Important features of an assessment-centered learning… [bullet points]
* Formative Assessment
  + Audio: Listen to the audio clip below to further your…
* Summative Assessment
  + Test as a Gift
    - Video: The video illustrates formative and summative…
    - Audio: John Bransford contrasts the difference between…
  + Audio: James Pellegrino describes the importance of assessment…
* Assessment-Centered Example
  + Link: What Do You See?: Perceptions of Disability [IRIS Module]
  + Link: Addressing Disruptive and Noncompliant Behaviors (Part 1): Understanding the Acting-Out Cycle [IRIS Module]

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* Page 5: Community-Centered Learning Environments
* The foundation of a community-centered learning environment…
* Audio: Listen to the audio clip below to further your understanding…
* Bransford, Vye, and Bateman (2002) note several likely… [bullet points]
* What an Answer
  + Video: The movie illustrates how using classroom norms…
  + Audio: John Bransford illustrates how using classroom norms…
* Audio: Listen to Peter Vaill discuss new paradigms for teaching and…
* Community-Centered Example
  + Link: High-Quality Mathematics Instruction: What Teachers Should Know [IRIS Module]

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* Page 6: Balanced Learning Environments
* In the *HPL* framework, a balanced learning environment is created…
* In other words, teachers should ask themselves the… [bullet points]
* Benefits to Learner
  + Audio: Listen to the audio clip to further your understanding…
  + Activity
    - Link: Biography: Occupation, Family… [drop-down menu]
      * Link: Job Accommodation Network [website]
    - Link: Poem: “Ursa Minor” [drop-down menu]
      * Link: Click to listen to Jody read her poem [web page]
    - Link: Film and Literature Portrayals [drop-down menu]
      * Link: movie [drop-down menu]
      * Link: book [drop-down menu]
    - Link: Assessment [drop-down menu]
      * Video: As you watch the following movie, notice…
    - Link: Click for feedback on these activities [drop-down menu]

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* Page 7: What is the *STAR Legacy* Cycle?
* The *STAR Legacy* model is actually an inquiry cycle that was designed…
* Video: Click on the movie that follows to hear John Bransford describes…

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* Page 8: How Is *HPL* Embedded into the Cycle?
* Elements of the *HPL* framework may appear in combination in…

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* Page 9: IRIS Overview
* What?
* Why?
* Who?
* How?
* When?

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| NOTES |  |

* Page 10: Considerations for Application
* Although *the STAR Legacy* model was originally designed for…
* Indeed, there are many ways to use IRIS Modules… [bullet points]
* Audio: Listen to Nancy Hunt as she describes how IRIS Modules…
* Audio: Listen to Brenda Naimy as she describes how IRIS Modules…
* Why should I use IRIS Modules in my course?
  + Audio: Nancy Hunt on using IRIS Modules.
  + Audio: Brenda Naimy on using IRIS Modules.
* Should modules be used during class or outside of class?
  + Audio: Nancy Hunt on determining when to use IRIS Modules.
  + Audio: Brenda Naimy on determining when to use IRIS Modules.
* Are Initial Thoughts really that important?
  + Audio: Nancy Hunt on the importance of making thinking visible.
  + Audio: Brenda Naimy on the importance of making thinking visible.
* How do I discuss IRIS Modules in class? How do I introduce the module…
  + Audio: Nancy Hunt on discussing and introducing IRIS Modules.
  + Audio: Brenda Naimy on discussing and introducing IRIS Modules.
* How do I grade a module?
  + Audio: Nancy Hunt on grading equitably.
  + Audio: Brenda Naimy on grading equitably.

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| NOTES |  |

* Page 11: References & Additional Resources
* Suggested module citation
* References
* Additional Resources
* Page 12: Credits
* Content Collaborators
* Module Developers
* Module Production Team
* Media
* Expert Interviews

Wrap Up

* Summary of the module
* Learner-centered lens/Knowledge-centered lens/Assessment… [table]
* Revisit your Initial Thoughts responses

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Assessment

* Take some time now to answer the following questions.

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You Have Completed This Module

* Give Us Your Feedback
  + Link: Module Feedback Form
* Professional Development Hours
  + Link: IRIS PD Options
* Related Resources [link]