20 Tools for Significant Learning and Student Engagement

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My perspectives...

...Teaching ed tech online since 1999

...videoconferencing since 1998

Blackboard
WebCT
Desire2Learn
canvas
moodle

...Griswold Christian Academy & AVLN

Adventist Virtual Learning Network
Technology Integration Classes Start
The thoughts and ways of God in relation to His creatures are above our finite minds; but we may be assured that His children will be brought to fill the very place for which they are qualified, and will be enabled to accomplish the very work committed to their hands, if they will but submit their will to God, that His beneficent plans may not be frustrated by the perversity of man.
<table>
<thead>
<tr>
<th>Teacher / Faculty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Library</td>
</tr>
<tr>
<td>Media / Technology / Digital Learning</td>
</tr>
<tr>
<td>Professional Development / Faculty Training</td>
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<tr>
<td>Instructional Design / Online Learning Support</td>
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<tr>
<td>Management / Director / Leadership</td>
</tr>
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What online learning activity or assessment seems the most boring, overused, and lacking engagement?

When poll is active, respond at PollEv.com/ou7onalim  Text OUTONALIM to 37607 once to join
What framework or taxonomy do you most often use to guide your work?
1. Fink’s Taxonomy of Significant Learning

2. Learning How to Learn

3. Caring

4. Human Dimension

5. Integration

6. Application

7. Foundational Knowledge
Fink’s Challenges with Bloom’s

Bloom’s makes it hard to connect to outcomes such as:

• learning how to learn
• leadership and interpersonal skills
• ethics
• communication skills
• character
• tolerance
• the ability to adapt to change – p. 29
Fink:

I defined learning in terms of change. For learning to occur, there has to be some kind of change in the learner: no change, no learning. And significant learning requires that there be some kind of lasting change that is important in terms of the learner’s life. p. 30
Taxonomy of Significant Learning

- Learning How to Learn
- Foundational Knowledge
- Caring
- Application
- Human Dimension
- Integration
1. Fink’s Taxonomy of Significant Learning

2. Learning How to Learn

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7. Foundational Knowledge
Learning How to Learn

• **Description** (Fink p. 29):
  • Becoming a better student; inquiring about a subject; self-directing learners

• **Sample Course Goal** (Fink p. 34):
  • Know how to keep on learning about this subject after the course is over
Your Turn

Learning How to Learn

Becoming a better student; inquiring about a subject; self-directing learners
Evaluating and selecting content sources
Teach students to access journals in the field; subscribe to the journal’s feeds (Twitter, Feedly)
Project based learning, makerspaces, student-designed projects
Monitoring their own understanding

mapping knowledge, identifying areas to learn more, selecting & pursuing
Reflect on the subject; self-assessment of ability; self-assessment of interest; portfolios with reflective writing
1. Fink’s Taxonomy of Significant Learning

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7. Foundational Knowledge
Caring

- **Description** *(Fink p. 29):*
  - Developing new feelings, interests, values
- **Sample Course Goal** *(Fink p. 34):*
  - Care about the subject and learning more on the subject
Your Turn

Caring

Developing new feelings, interests, values
Create a short video that persuades others to care about an aspect of the subject.
Collaboratively create a site showcasing the value and interest of the subject.
Participate in debates & create VBates (video debates) – idebate.org
Bring in guest speakers; telling stories
1. Fink’s Taxonomy of Significant Learning

2. Learning How to Learn

3. Caring

4. Human Dimension

5. Integration

6. Application

7. Foundational Knowledge
Human Dimension

• **Description** (Fink p. 29):
  • Learning about oneself, others

• **Sample Course Goal** (Fink p. 34):
  • Understand the personal and social implications of knowing about this subject
Your Turn
Human Dimension
Learning about oneself, others
University of the Fraser Valley
Blog or discuss ways in which one’s personal life affects and is affected by the subject.
Be an ethical, responsible member of a team serving others; tools to support groups
Observation of and participation in real-life human experiences related to the content; report back to the class.
1. Fink’s Taxonomy of Significant Learning

2. Learning How to Learn

3. Caring

4. Human Dimension

5. Integration

6. Application

7. Foundational Knowledge
Integration

• Description (Fink p. 29):
  • Connection between ideas, people, realms of life

• Sample Course Goal (Fink p. 34):
  • Be able to relate this subject to other subjects
Your Turn
Integration

Connection between ideas, people, realms of life
Aggregate, curate, and mashup web content to make connections.
Create a description or analysis of the relationship between two or more concepts.
Curate pins on competing ideas or concepts into relevant boards to integrate and make connections.
1. Fink’s Taxonomy of Significant Learning
2. Learning How to Learn
3. Caring
4. Human Dimension
5. Integration
6. Application
7. Foundational Knowledge
Application

• **Description** *(Fink p. 29):*
  • Skills; Critical, creative, and practical thinking; Managing projects

• **Sample Course Goal** *(Fink p. 34):*
  • Know how to use the content
Your Turn
Application

Skills; Critical, creative, and practical thinking; Managing projects
Analyze and critique an issue or case study
Apply the skills in context; document ability with video.
Create a recommendation for a corporation in a real-world problem/situation.
1. Fink’s Taxonomy of Significant Learning
2. Learning How to Learn
3. Caring
4. Human Dimension
5. Integration
6. Application
7. Foundational Knowledge
Foundational Knowledge

• **Description** (Fink p. 29):
  • Understanding & remembering information & ideas

• **Sample Course Goal** (Fink p. 34):
  • Understand and remember key concepts, terms, relationships
Your Turn

Foundational Knowledge

Understanding & remembering information & ideas
Create and share/narrate a mental map or conceptual structure of major concepts.
Create a presentation: Explain & predict concepts & ideas
Have students access and interact with primary sources of content.
<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
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</tr>
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</tr>
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</tr>
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</tr>
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</tr>
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What is one thing you will do next to integrate the concepts of Significant Learning into your work?
AVLN to Adventist Learning Community

- Integrating Technology in Service Learning
- Technology for 21st Century Learning
- Teaching Online in Higher Education (K12 version coming 2019)
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