

Handout for

Technology? Skills Every Student Needs

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Handouts to be used with:

<https://dougjohnson.wikispaces.com/Techskills>

List one way each of the following occupations might use information to complete tasks and solve problems:

1. Truck driver
2. Physician
3. Piano player
4. Farmer
5. Banker
6. Salesperson
7. Small business owner
8. Mechanic
9. Architect
10. Custodian

From the video:

List the technologies you saw:

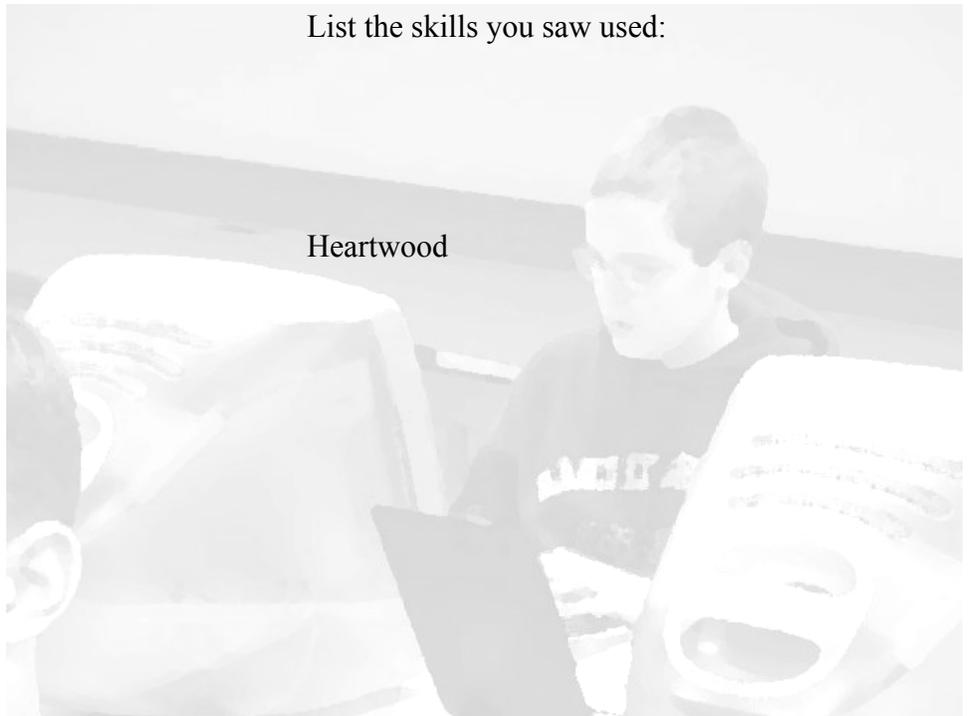
List the skills you saw used:

How are these companies different?

Bascombe



Heartwood



Building Conceptual Age Skills – What Should Schools Be Doing?

Daniel Pink’s book, *A Whole New Mind*, suggests some ‘Conceptual Age skills’ needed for workers in a world of Asia, Abundance and Automation. What experiences/activities should schools be offering students to help build these skills?

<p>1. Not just function, but also DESIGN. “It’s no longer sufficient to create a product, a service, an experience, or a lifestyle that’s merely functional. Today it’s economically crucial and personally rewarding to create something that is also beautiful, whimsical, or emotionally engaging.”</p>	
<p>2. Not just argument, but also STORY. “When our lives are brimming with information and data, it’s not enough to marshal an effective argument... The essence of persuasion, communication, and self-understanding has become the ability also to fashion a compelling story.”</p>	
<p>3. Not just focus, but also SYMPHONY. “What’s in greatest demand today isn’t analysis but synthesis – seeing the big picture and, crossing boundaries, being able to combine disparate pieces into an arresting new whole.”</p>	
<p>4. Not just logic, but also EMPATHY. “What will distinguish those who thrive will be their ability to understand what makes their fellow woman or man tick, to forge relationships, and to care for others.</p>	
<p>5. Not just seriousness, but also PLAY “Ample evidence points to the enormous health and professional benefits of laughter, lightheartedness, games and humor.”</p>	
<p>6. Not just accumulation, but also MEANING. “[Material plenty] has freed hundreds of millions of people from day-to-day struggles and liberated us to pursue more significant desires: purpose, transcendence, and spiritual fulfillment.”</p>	
<p>7. Not just knowledge, but also LEARNING. (Johnson) Unless a person develops both the ability and the desire to continue to learn new skills, to be open to new ideas, and to be ready to change practices in the face of new technologies, economic forces, and societal demands, he or she will not be able to successfully compete in a global economy.</p>	