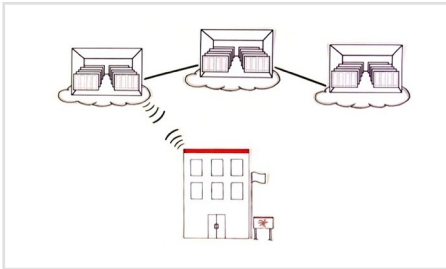**commoncraft**

Lesson Plan
This lesson plan is designed to help you teach using a Common Craft video. Use the information below to introduce the video and then follow the video with discussion questions and other resources.

commoncraft.com/video/cloud-computing

ISTE Standard:
Empowered Learner, Indicator 1d

ACRL Info Literacy Frame:
Research of Inquiry, Knowledge Practice: Organize information in meaningful ways

Cloud Computing
Explained by Common Craft

This video is an introduction to cloud computing and how it's changing the way businesses and individuals think about software and data. Using a simple story of a growing florist business, this video explains how it works and why it can make sense for businesses and individuals.

Learning Outcomes

- Define the term Cloud Computing

- Describe four advantages of using the cloud for business owners (unlimited storage, resources are backed up, only pay for what is needed, and access to services that live on the cloud)

- Identify three ways that individuals can use the cloud in their everyday lives (for word processing, photo sharing, and email)

Discussion Questions

Q #1

How have you used the cloud in your everyday life?

Q #2

What considerations would affect your decision to use a product on the cloud instead of on your local computer?

Knowledge Check Q&A

Q

What is cloud computing?

A

Cloud computing is the practice of using the power of computers at a completely different location to manage data.

Q

What are three benefits of using cloud computing for the general consumer?

A

1) Products on the cloud have nearly unlimited storage and resources. 2) Information is safe, because local information is stored on internet servers and servers are usually backed up in multiple locations. 3) Products are accessible from any internet connection.

Q

What are three types of cloud computing products commonly used by consumers?

A

1) Email. 2) Word processing. 3) Photo sharing.

Resources for Learning More

PC Magazine
Eric Griffith
"What is cloud computing?"
5/2016

http://www.pcmag.com/article2/0,2817,2372163,00.asp

MIT Technology Review
Antonio Regalado
"Who coined cloud computing?"
10/2011

https://www.technologyreview.com/s/425970/who-coined-cloud-computing/

Harvard Business Review
Andrew McAfee
"What every ceo needs to know about the cloud" 11/2011

https://hbr.org/2011/11/what-every-ceo-needs-to-know-about-the-cloud

Forbes
Sue Poremba
"7 common misconceptions about security threats in cloud computing" 5/2015

https://www.forbes.com/sites/sungardas/2015/05/12/7-common-misconceptions-about-security-threats-in-cloud-computing/#47b08f7226af

The Atlantic
Ingrid Burrington
"Why Amazon's data centers are hidden in spy country" 1/2016

https://www.theatlantic.com/technology/archive/2016/01/amazon-web-services-data-center/423147/