

Learning Outcomes

- TLW gain an understanding of how computers communicate in cyberspace

Materials List

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| • String | • Key chains | • Index cards |
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Lesson Summary

- Introduction to networking
- Discuss the basic building blocks of networks (nodes, hops, routing, etc)
- Introduce IP and MAC addresses and DNS
- Introduce packets and routing of packets

Homework

Student network and message passing with ropes and key chains (in class) - and introduce a man-in-the-middle as a "kink" near the end

Resources

Text Reference:

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Relevant Standards

GLEs

Guiding Questions

