Confidentiality Icebreaker

**Lesson Description:** This lesson introduces the Confidentiality concept through a hands-on activity. It is used as an icebreaker so the teachers can also get to know each other a little better as they come from different schools.

**Prerequisite Knowledge:** None

**Length of Completion**: 30 minutes

**Level of Instruction:** High School or Middle school introductory level.

**Applicable First Principles &/or Concepts:**

**GenCyber First Principles**

Domain Separation Abstraction

Process Isolation Data Hiding

Resource Encapsulation Layering

Modularity Simplicity

Least Privilege Minimization

**GenCyber Cybersecurity Concepts**

Defense in Depth Availability

**Confidentiality**  Think Like an Adversary

Integrity Keep it Simple

**Resources that are Needed:** Envelope with slips of paper containing various pieces of personal information (birthdate, address, etc.). Popsicle stick or some item to separate list into those which are shareable vs. those that shouldn’t be shared.

**Accommodations Needed:** May need someone to read items that are on the slips of paper if there is a visually impaired participant.

# learning outcomes

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* Compare/contrast different pieces of personal information in terms of how important it is to protect the confidentiality of each one
* Explain/discuss the value of confidentiality and ways to keep information confidential
* Describe what confidentiality means

# Lesson Details

**Interconnection:** Sets up the concept of Confidentiality which will be referred to throughout the week.

**Assessment:** Post exercise discussion

**Extension Activities:** None

**Differentiated Learning Opportunities:** None

# lesson 1.1

**Lesson 1.1 Details:** :

**Warm Up:** None, this is an icebreaker

**Lesson:**

(1) Teachers will be sitting at 4 different tables in groups. Each group will be given a manila envelope with the following items on slips of paper:

Religion, Kids’ names, Immigration status, BFF, Where you keep your money, Passwords, Middle Name, Favorite movie, Music preference, Selfie, Name, Date of birth, School, Ice cream flavor, Pet /animal, Siblings, High School attended, Medical issues, Income, Address, Nationality, SSN, Fingerprint, Blood type, Geographic information

The teachers will work together to organize them on a scale from “share with the world” to “never share with anyone.” They will place a popsicle stick as a divider at the point where 'share with the world' starts:

(2) After all groups have completed the first part, the lead facilitator for the room will give the new direction that students would go around the table and share the things that everyone in the group agreed would be acceptable to share with the world [and/or discuss why, now, they want to change the location of the popsicle stick].

(3) After getting to know these things about each other, they will then discuss why it's important to keep the other items on the list confidential, and what kind of strategies they each use to protect that information.

Acknowledgement: Lesson adapted from GenCyber repository.