

Teaching Methods

In this unit the information can be a little repetitive. To break up the monotony and keep students engaged, different teaching methods can be utilized to deliver the information discussed over the three lessons. Teaching methods should be chosen based on your classroom size, resource availability and class schedule. Teaching methods can also be combined and tailored to fit your individual program. Use this document to help decide what method(s) will work best for you.

DIRECT INSTRUCTION LEARNING

This method involves the teacher communicating directly with the students, with little interaction between the students. This method is typically done as a lecture or demonstration, and it allows the teacher to deliver specific information regarding a topic to a large number of students. To keep students engaged, have them complete the "Information Chart" worksheet during the presentation and encourage them to ask questions. Covering a lesson using this method can usually be done in a single class period.

Materials

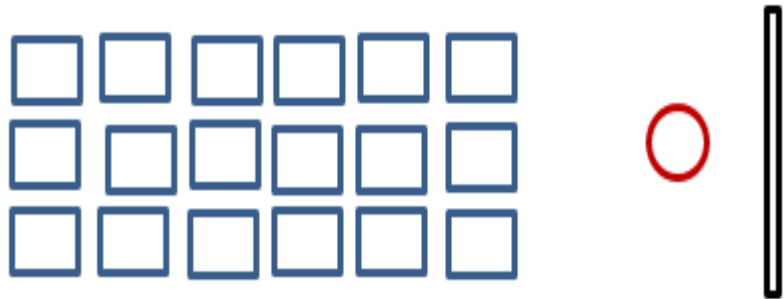
- PowerPoint
- "Information Chart" worksheet

Considerations

- Time: 55 minutes
- Class size: any
- Internet: not needed

Classroom Layout

All students () need a clear view of the PowerPoint being projected (). The teacher () will present the information on the screen.



COOPERATIVE LEARNING

In cooperative learning students work together to research information. Groups can have as few as two students or as many as six, depending on class size. When working cooperatively, it is important to make sure every member has a specific task or job to complete. The information will be presented through the finished product, so no one has to stand in front of the room and present. As students view their peers' products, they should use that information to complete their "Information Chart." Covering a lesson using this method could take one to two class periods depending on the number of students.

Materials

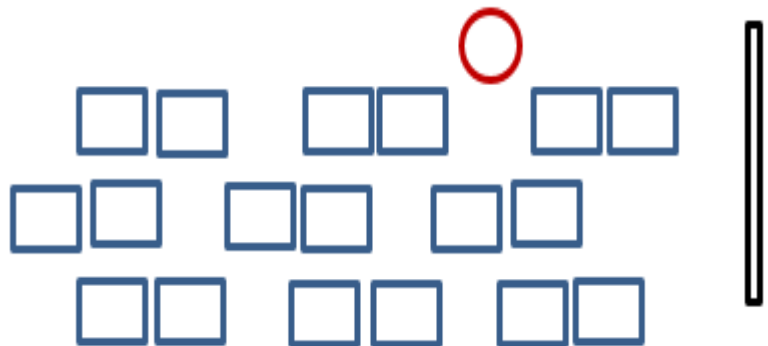
- Internet access (per group)
- Profile Worksheet
- "Information Chart" worksheet
- Poster/Brochure materials
- Product Rubric (Group)

Considerations

- Time: 55-90 minutes
- Class size: Depending on number of topics covered, at least two students per topic.
- Internet: Needed, at least one device per group.

Classroom Layout

Students () will work together in pairs or groups and will work around their shared device. The products being presented will be on display, so students need to be able to walk between the desks. The teacher () should circulate around the room to facilitate the process.



INDIVIDUALIZED LEARNING

This approach works best in small classes with independent learners who can research and synthesize information on their own. The teacher acts as a facilitator, keeping the students on track and assisting when needed. This method requires students to have access to the internet, so they can conduct research and create a presentation on their own. As each student presents the topic her or she researched to the class, students can complete the "Information Chart" worksheet. Covering a lesson using this method usually takes two or more class periods depending on the number of students and type of product.

Materials

- Internet access (for each student)
- Profile Worksheet
- "Information Chart" worksheet
- Materials to create product
- Product Rubric (Individual)

Considerations

- Time: 120+ minutes
- Class size: Small, each student researches a topic
- Internet: Needed, one device per student.

Classroom Layout

All students () need access to a device to do their research. When they present, they will need to present their product to their peers. The teacher () should circulate the room to facilitate the process.

