

Building the Periodic Table from Scratch

Summary

Students will use the properties of elements to create a periodic table.

Main Core Tie

Science - Chemistry

[Standard 1 Objective 3](#)

Time Frame

1 class periods of 70 minutes each

Group Size

Pairs

Materials

- 1 [Student sheet](#) (attached) per group
- 1 [elements sheet](#) (attached) per group
- scissors
- glue
- construction paper to glue the cards on
- markers

Instructional Procedures

- Cover any visible periodic tables in your room. Run off papers.
- Discuss the introduction with students. Read directions.
- Allow students time to work with their partner. Be ready to check off their work as they finish.
- After students work is checked off, have them double check it to a periodic table and use the marker to label the groups and periods.

Assessment Plan

Scoring Guide:

1. Students work in pairs to complete table.....4
2. Students correctly label their table.....4
3. Students answer analysis questions completely and correctly...4

Bibliography

Lesson Design by Jordan School District Teachers and Staff.

Authors

[Utah LessonPlans](#)