

Atom & Molecule 20 Questions

Summary

Students will play 20 questions using the periodic table & a list of common molecules.

Main Core Tie

SEEd - Grade 6

[Strand 6.2: ENERGY AFFECTS MATTER Standard 6.2.1](#)

Time Frame

1 class periods of 45 minutes each

Group Size

Individual

Materials

- [20 Questions Student Sheet](#)
with Periodic Table included

Background for Teachers

Though they will be using the periodic table, all they need to know about it is that it lists all the kinds of atoms we know about.

Instructional Procedures

Hook activity: Pick a substance and play 20 questions with the class trying to stump them.

Record the number of questions the students asked trying to figure out what you picked.

Have students partner up & take turns picking and asking questions.

When finished follow up with these discussion questions as a class or have them answer it on the back of the student sheet.

What is one of the first questions that is asked?

Why is it important to know whether it is an atom or molecule if you want to get it correct in 20 questions?

Describe some of the things that made it tricky to get the right answer.

Assessment Plan

Students actively participated.....4

Student recorded data.....4

Bibliography

Lesson Design by Jordan School District Teachers and Staff.

Authors

[Utah LessonPlans](#)