

Balancing Act

Summary

Students will use wooden atoms to model and balance a chemical reaction.

Main Core Tie

Science - Chemistry

[Standard 4 Objective 1](#)

Time Frame

1 class periods of 90 minutes each

Group Size

Small Groups

Materials

- [station equations](#)

(attached)

- [student sheet](#)

(attached)

wooden atomic model kits, enough for 10 stations, group sizes of 4,
colored pencils (optional)

Instructional Procedures

Set up and count the number and kinds of atoms needed at each station. You can have students figure out which atom is which color based on the ratios you provide or you can tell them on a card.

Copy worksheets.

Reach the directions with students explaining anything about chemical reactions and balancing equations that they might need additional reinforcement.

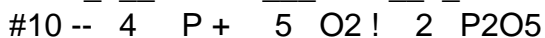
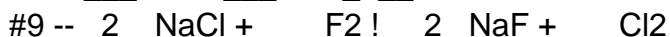
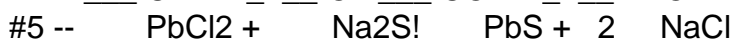
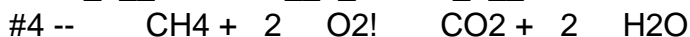
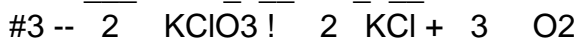
Divide students into groups and start them at different stations.

Move students from station to station as they finish.

Assessment Plan

ANSWER KEY:

Stations:



Bibliography

Lesson Design by Jordan School District Teachers and Staff.

Authors

[Utah LessonPlans](#)