

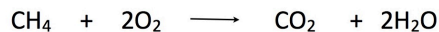
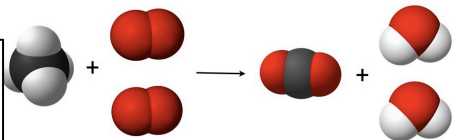
CHEMISTRY 4: SEPARATIONS

Science 8 October 2018 Mrs. Plyter <http://www.plyter.com/science>

Name _____

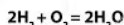
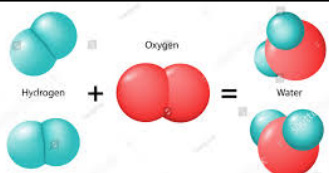
Period _____

1



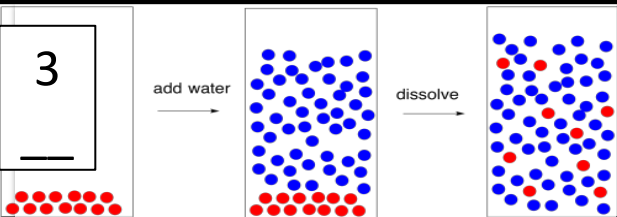
↑ Methane Gas + Oxygen → Carbon Dioxide + Water

2



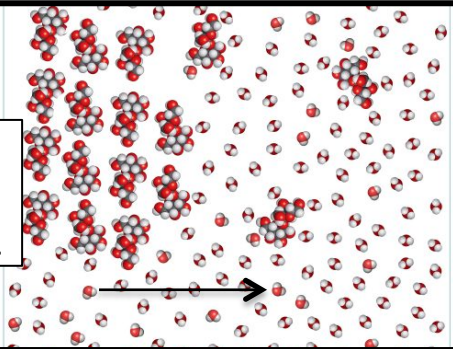
↑ Hydrogen + Oxygen → Hydrogen Oxide (Water)

3



↑ Solute + Solvent → Solution (Solute is in the Solvent)

4



↑ Sugar (Sucrose) + water gives Sugar Water Solution
Water is the solvent; Sugar is the solute

15

Introductions:

← Label P or C by
1-4 for Physical or
Chemical Change _____

Discovery Ed

Screen Checks Needed...
Use Tabs.

It's a Property _____

Solutions _____

Solutions in Action _____

Separations (Online)

Physical Science →
Screen Checks Required

Frame 2 _____

Frame 3 _____

16

**Ice to
Steam Lab**

Solid
to
Liquid
To
Gas
Graph

**The Particle
Model
Handout**

Work while the
water heats.

17

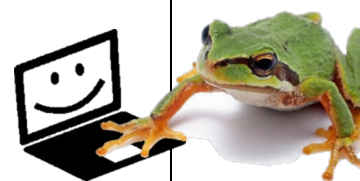
18

**Separating
Salt and Sand
Lab**

19

Science
Calendar
DUE
THE
LAST DAY
OF
THE WEEK!

If Time
Layers Lab



Points:

**Objective
+ Online
Introductions**

**Ice to Steam
Lab + Particle
Model Handout**

**Separating
Salt and Sand
Lab**

Daily Quizzes
Write Number
correct. Initial in
Color

Mon _____

Tue _____

Wed _____

Thu _____

Fri _____

TOTAL _____

Central Science Home Page: www.plyter.com/science

Physical Science: Separations

Discovery Education: Username = 23yearlastf Student #

Practice Tests: QuizLab Classword = plyter19 → Password = Your Student #

If Time: iMac: On the Desktop: Atom Builder Activity: Build Carbon, if you haven't.



To separate mixtures using Physical changes,

Physical changes include the **same** substances that

- 1) change in form or size,
- 2) change in state of matter or
- 3) dissolve to form solutions (mixtures).

Chemical changes include **new** substances from

- 1) chemical reactions,
- 2) electron movement and
- 3) compounds being formed or broken.



OBJECTIVE:

Copy the Objective:
