

## FOSS Mixtures and Solutions Module

### Vocabulary/Glossary Terms

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#### *Investigations Guide Vocabulary*

##### **Investigation 1: Separating Mixtures**

crystal  
diatomaceous earth  
dissolve  
evaporation  
extract  
filter  
gravel  
magnet  
mass  
mixture  
powder  
property  
salt  
screen  
separate  
solute  
solution  
solvent  
transparent

##### **Investigation 2: Concentration**

concentrated  
concentration  
density  
dilute  
equal volumes  
layer  
less dense  
more dense

##### **Investigation 3: Reaching Saturation**

citric acid  
Epsom salts  
insoluble  
saturated solution  
soluble  
solubility  
substance  
supersaturated

##### **Investigation 4: Fizz Quiz**

baking soda  
calcium carbonate ( $\text{CaCO}_3$ )  
calcium chloride ( $\text{CaCl}_2$ )  
carbon dioxide ( $\text{CO}_2$ )  
chalk  
chemical reaction  
gas  
precipitate  
product  
reactant

## ***Science Resources Vocabulary***

### **Investigation 1: Separating Mixtures**

carbon dioxide (CO<sub>2</sub>)  
crystal  
density  
diatomaceous earth  
dissolved  
evaporation  
extract  
gas  
gaseous  
liquid  
magnetism  
mass  
matter  
mixture  
particle  
physical property  
salt  
sodium chloride  
solid  
solute  
solution  
solvent  
substance  
transparent  
volume

### **Investigation 2: Concentration**

atmosphere  
climate  
compress  
concentrated  
concentration  
condensation  
dilute  
energy  
fossil fuels  
freezing  
greenhouse gas  
herbicide  
nitrogen  
oxygen  
ratio  
water vapor

### **Investigation 3: Reaching Saturation**

bends  
boiling point  
caisson  
citric acid  
decompression  
room temperature  
saturated  
soluble  
supersaturated

### **Investigation 4: Fizz Quiz**

chemical reaction  
chemist  
explosion  
methane  
product  
reactant