

Complete Solid Solution

- Solid solution is defined as a mineral which exhibits a variable composition represented by the substitution of one chemical species for another, e.g.:
 - **Mg** for **Fe** in olivine
 - **NaSi** for **CaAl** in plagioclase
- The olivine and plagioclase binary systems are useful in applying crystallization and melting relationships to geological systems.

Brock University © Greg Finn














