

GRADE 7 SCIENCE

Solutions and Solubility

How Does Temperature Affect Solubility?

Complete Core Activity 8-2A
page 268-9

Rate of Dissolving...

Factors that affect the rate of dissolving include:

- ▣ Size of the solute
- ▣ Temperature
- ▣ Pressure

Size of Solute

The smaller the solute particles, the quicker they will dissolve



Temperature

The higher the temperature,
the more solute and the
faster the solute will
dissolve



faster



Pressure

Gases are more soluble in liquids under higher pressure (see page 267)

Opened bottle decreases pressure and “bubbles” come out of solution

