

**Relationships Between Levels of Impact and Components of Learning**

| components of training           | levels of impact | awareness plus concept understanding | skill attainment | application problem solving |
|----------------------------------|------------------|--------------------------------------|------------------|-----------------------------|
| presentation of theory           |                  | 85%                                  | 15%              | 5-10%                       |
| modeling                         |                  | 85%                                  | 18%              | 5-10%                       |
| practice and low risk feedback   |                  | 85%                                  | 80%              | 5-10%                       |
| coaching study teams peer visits |                  | 90%                                  | 90%              | <b>80-90%</b>               |

Adapted from Joyce, B. & Showers, B. (1988)

**Impact on Student Achievement**

