

## **Science and Technology Lab. Implementation I (0-2) 2**

Importance and aim of the laboratory in science and technology teaching, constructivist approach and laboratory studies, safety in laboratories. Scientific method, scientific process skills and how they are gained, experiment types. Laboratory experiments for primary education first level (planning, conducting and evaluating the results of the experiments).

### **Course Material:**

Fen ve Teknoloji Laboratuvarı Uygulamaları I-II, Orçun Bozkurt, Ahmet Turan Orhan ve Gökben Kaynar, Maya Akademi, Ankara, 2008.

### **Supplementary Materials:**

- Fen Bilgisi Laboratuvar Deneyleri, Edt: Tahir Güneş, Anı Yayıncılık, Ankara, 2006.
- Fen Bilgisi Öğretiminde Laboratuvar Kullanımı, Nevzat Yiğit ve Haluk Özmen, Anı Yayıncılık, Ankara, 2005.