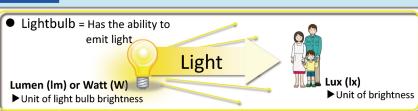
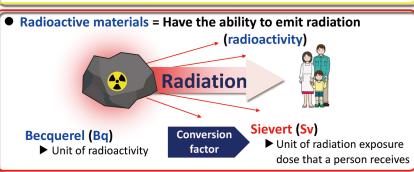
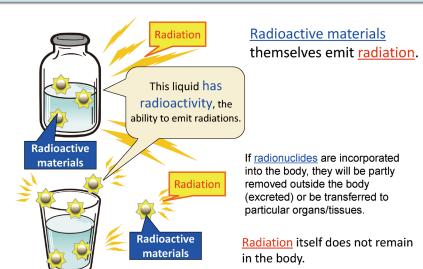
## Radiation, Radioactivity and Radioactive Materials





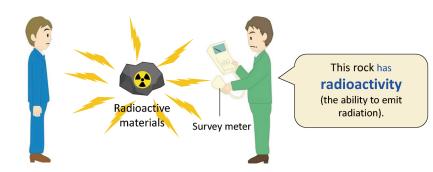
<sup>\*</sup>Sievert is associated with radiation effects.

# Difference between Radiation and Radioactive Materials





# **Units of Radiation and Radioactivity**



#### Becquerel (Bq)

Unit for intensity of radiation: one nucleus decays (disintegrates) per second = 1 becquerel

#### Sievert (Sv)

Unit of radiation exposure dose which a person receives: associated with radiation effects

### **Types of Exposure**

