

## Modern

### Enduring Understanding

Modern physics studies the smallest particles in nature in order to develop a deeper understanding of fundamental processes.

### Essential Questions

1. What happens if a material absorbs a photon?
2. Does the number of photons absorbed equal the number of photons emitted?
3. What does "certainty" mean on the atomic scale?
4. What is the difference between rest mass and relativistic mass?
5. How has the development of the atomic models affect our daily lives?
6. Does humankind benefit more from fission or fusion?

