

## Electromagnetic Waves

### Enduring Understanding

Waves interact with their environment, exhibiting a variety of wave phenomena.

### Essential Questions

1. Do mechanical and electromagnetic waves exhibit the same wave phenomena?
2. What happens to the image formed in a mirror as the object is moved away from the mirror?
3. How does light bend when traveling from one medium into another medium?
4. What happens to the image formed by a lens as the object is moved away from the lens?
5. How are real and virtual images produced?
6. How does diffraction and interference differ?

