



## Particles generate fields:

- Massive particle generates gravitational field.
- Charged particle generates electric field.
- Moving charged particle generates electric field and magnetic field.

## Fields exert force on particles:

- Gravitational field exerts force on massive particle.
- Electric field exerts force on charged particle.
- Magnetic field exerts force on moving charged particle.

## Dynamics:

- Cause and effect between particles and fields and among fields.

## Energy and momentum:

- Particles carry energy (kinetic, potential) and momentum.
- Fields carry energy (electric, magnetic) and momentum.