

How deep have we drilled into the earth, relative to its size?

What information can geophysicists get from the study of seismic waves?

Describe reflection and refraction.

Describe the internal structure of the earth.

Describe the two fundamentally different types of crustal rock.

What is an ophiolite?

Why are ophiolites of special interest to geologists?

Describe the two basic types of seismic waves.

How do geophysicists use this difference to study the interior of the earth?

What happens to P and S-waves when they reach the core of the earth?

How is earth's magnetic field used to study the earth?

What are paleomagnetism and magnetic field reversals?

How often does earth's magnetic field reverse?

What concerns do geologists have about future field reversals?