

Product Code . EDS-MM-10986

Magnetic Water Molecule Kits



Description

Features include: 2 Magnets in oxygen atom, so students can make ice; Jainco Export Permanently embedded magnets (magnets won't fall out when atoms are unassembled); Removable hydrogen atoms, so students can assemble water and compare hydrogen bonds to covalent bonds; 1 Non-polar ethane, so students can see and feel how non-polar molecules interact with Jainco Export polar molecules; 1 Hydroxyl group, so students can make ethanol; CD with Lesson Plans (6-cup Water Kit Set only).

These Molecular Designs Magnetic Water Kits will help Jainco Export students to understand the structure and properties of water.

They can "see and touch" water in its 3 dimensions and embedded magnets enable students to "feel" hydrogen and oxygen atoms attract and repel each other.

As students explore the 3D water kit they will be able to: See spontaneous bonding, Compare hydrogen bonds to covalent bonds, Make ice crystals, Dissolve salt, Evaporate water, Add non-polar ethane to water, Create ethanol, Explore capillary action.

All atoms are magnetised to reflect their positive or negative charges (except non-polar ethane).

The 6-Cup Water Kit also includes a CD with Secondary school lesson plans.

Each Molecular Designs Water Kit cup includes: 12 water molecules, 1 sodium, 1 chloride, 1 ethane and 1 hydroxyl group.

