



crystal clear science

BIG IDEAS FOR KES: WONDERFUL WATER

WATER, ITS EVERYWHERE. MOST OF THE EARTH IS WATER.
WE ARE MOSTLY WATER. **WHY IS IT SO IMPORTANT?**

- WATER COMES FROM NATURE – IT IS A NATURAL RESOURCE
- ALL LIVING THINGS NEED WATER
- IT CARRIES NUTRIENTS WHICH GIVE ENERGY
- WATER HELPS LIVING THINGS DIGEST FOOD AND COOL DOWN
- WATER HELPS LIVING THINGS STAY CLEAN
- WATER IS THE HOME (HABITAT) TO MANY LIVING THINGS

WHAT DO WE KNOW ABOUT WATER?

- THINGS DENSER THAN WATER SINK, LESS DENSE ITEMS FLOAT
- WATER MOLECULES ARE ATTRACTED TO EACH OTHER
- MANY THINGS DISSOLVE IN WATER – SALT, SUGAR, NUTRIENTS
- SOME THINGS DO NOT DISSOLVE IN WATER – PLASTICS
- MOST OF THE WATER ON EARTH HAS SALT ON IT
- A WHIRLPOOL IS A VORTEX (TORNADO) IN THE WATER
- WATER IN THE ATMOSPHERE AND OCEANS MOVE ENERGY AROUND THE EARTH
- ICE CRYSTALS IN CLOUDS COLLIDE CAUSING LIGHTNING