

My Lego Model—Analogy Map (Teacher Master)

Part of the Model	Is/Are Like ...	Part of the Real World	Because ...
One Lego brick		An atom	The Lego brick is one small piece, and an atom is one small piece of something.
More than one Lego brick		A molecule	Molecules have more than one atom stuck together.
Two white Lego bricks and one red Lego brick stuck together		Water	Water has two of one kind of atom (hydrogen) and one of another kind of atom (oxygen) stuck together.
The Lego bricks in the cardboard box		Solid water (ice)	The molecules in a solid can't move very much, just like the Legos in the box.
The Lego bricks in the sandwich bag		Liquid water	The molecules in a liquid can move around more, just like the Legos in the bag.
The Lego bricks jiggling or vibrating in place		Solid water (ice)	The molecules in solid water vibrate in place too.
The Lego bricks moving around more freely		Liquid water	The molecules in liquid water move around more freely too.