

1 INT. GREENHOUSE - A FEW MOMENTS LATER**1**

Yara looks around sadly. Helios commiserates. Miguel snaps to.

MIGUEL

Follow along with me, now. This will take a bit of explaining.

HELIOS

Pay attention, Yara. Teacher will make everything OK.

MIGUEL

Alright. We can't turn the air back into green. But! We can turn the air back into water.

HELIOS AND YARA

What!

MIGUEL

Oh yes. Matter can change states.

HELIOS

Magic!

MIGUEL

Not really. Just science.

YARA

But Mr. Miguel, how can air turn into water? How is that possible?

MIGUEL

Through something called heating.

HELIOS AND YARA

Heating?

MIGUEL

Heating. A great example of heating happens in this very greenhouse. The sun shines through these windows and heats up the room. If the conditions are right, the air turns into tiny droplets of water.

HELIOS

I don't believe it.

MIGUEL

Try it then! Helios, heat this place up!

Helios uses his Spark to raise the temperature. Beads of condensation pop onto the windows.

MIGUEL

See! There! Tiny droplets of water!

YARA

Drops that came from the air?

MIGUEL

Drops that were the air. Through heating, air changed into water.

YARA

A gas changed into a liquid.

MIGUEL

Pretty cool, right? (beat) Now, another thing: liquids can change states, too. Do either of you know how a liquid turns into a solid?

HELIOS

Magic!

MIGUEL

Nope. Cooling.

HELIOS AND YARA

Cooling?

MIGUEL

Of course. If I collect some of that water and put it in the freezer, what happens?

YARA

My stars! I know! It turns into ice!

MIGUEL

Exactly! Water freezes into ice.

YARA

Wow.

MIGUEL

Through cooling, matter changes states. And through heating, matter changes states.

HELIOS

MAGIC!!!

MIGUEL

Not magic, Helios. Science. (beat)
So, Yara, we can't turn the air
green. But if we change it into
water - we could dye that green no
problem!

Miguel takes out some green food dye and drops three beads
into a glass of water. The water turns a brilliant green.

YARA

Oh joy! Such beautiful greenery!

HELIOS

Magic!

END LESSON 4