Welcome!

This world looks rather gloomy…we ought to brighten things up!

Well, for that to happen we need the mighty Aries…who is currently asleep over there.

In order to wake him up, we’re going to need to give him some energy!

Energy provides us the power to act, and the ability to change. Though Aries is a bundle of energy, he is currently at rest.

It looks like it’s up to you to take action! With your own energy, help the mighty Aries bring light to this world!

(level 1)

Energy comes in many forms, and they have ways of moving about.

We will start with light.

Light is an energy made up of waves. Among many things, it can provide heat.

Think of the sun as the biggest source of light energy, bringing sustenance to most living things.

(show puzzle, then light)

Here we have a spirit that provides light energy.

In order for its light energy to move, we’ll need to rotate these contraptions.

(show tutorial)

Simply move the contraption like so!

(rotated contraption)

Great! Now just one more, and the light shall shine through!

(rotated contraption)

(happy light)

Excellent! Now that the light energy is free, why don’t we check back with the mighty Aries!

(level 1 victory)

(show light open)

As the warm light embraces Aries’s body, he begins to wake up!

(aries wakes up)

Thanks to your efforts, Aries is now full of energy!

(aries transforms)

Now the mighty Aries can go forth to brighten up this world!

Let’s help him out further by learning more about energy movements!

(level 2)

Now we’ll be learning how to move light energy from one place to another.

One neat thing about light is that it can bounce off of reflective surfaces like gems or mirrors.

(show first task)

Our task is to redirect the light energy towards this bell.

(show object / pointer) (top dialog)

This gem here will bounce the light energy to where it points.

(show drag instruct)

Go ahead and place the gem into the indicated slot.

Simply press the gem, and drag it into the slot as shown.

(object placed)

Excellent! As you can see, the light energy is bouncing off of the gem towards a direction.

(show next object)

Now on to the next gem! Just like before, drag the object towards the indicated slot.

(object placed)

We’re almost there. Now we just need to adjust the direction of the light towards the bell.

(show instruction)

All you need to do is press and drag the lever to rotate the slot.

(goal reached)

Excellent! Can you hear that? The bell is ringing joyously!

Due to the light, the bell is able to vibrate causing it to make another type of energy: sound.

As you can see, we are able to change from one energy into another. From light to sound energy.

But of course, none of this is possible without your actions. Your own energy is what brings these to life!

(show the rest) (dialog top)

Now to power up the remaining bell!

Just like before, place the gems into the slots, and redirect the light energy towards the bell.

(all goals reached)

(level 2 victory)

(level 3)

Now that we’ve seen energy as light, let’s take a look at energy as motion.

Moving objects contain energy. When it hits another object, that energy is transferred.

This is called energy of motion, also known as: kinetic energy.

(balls appear)

(show plunger instruction) (top dialog)

Let’s go check out how this energy of motion works!

Pulling this spring plunger will allow it to push the rock.

The further left you drag the handle, the more push it will give.

(show push platform pointer)

Try to have the rock hit this platform. Remember to pull the spring plunger as far back as you can!

(platform pushed)

(wait a bit)

Nicely done! As you can see, the energy of motion moved from one object to another.

The energy released from the spring plunger has caused a series of movement, from one rock to another.

(show pointer to goals)

Now let’s see if you can ring these other bells!

(show pointer to rotator handle, arrow towards push platform)

Let me adjust this so that it can hit the second platform!

(show pointer to slider handle, arrow up and down)

You’re going to need to adjust the position of this rock in order to hit both bells.

(hide pointer)

Well, it’s all up to you now! Good luck!

(level 3 victory)

(level 4)

Now we are going to look at another way to achieve energy from motion.

(spirit appear, waters activated)

Here we have a spirit that provides us an everlasting flow of water.

The water’s motion will allow objects it touches to continuously move, thus providing a constant flow of energy.

(activate two switches, point at it)

Press these two switches to divert the water’s flow towards the bell.

(goal achieved)

Excellent! So long as there’s water flowing, the bell will continue to ring.

(point at other bells)

Now why don’t you go ahead and let the water flow towards the other bells!

(activate the rest of the switches)

(all bells ringing)

(level 4 victory)

(level 5)

Here we are near the end of our journey!

For this one, we will be powering up the bells with electricity.

Electricity is a kind of energy that can move through conductive materials like metal.

In this case, we are using copper wires.

(show turbine machine)

This is a turbine, a kind of machine that generates electrical energy by spinning magnets.

In order to power the turbine, we will need lots of energy to move its blades.

(show water thing)

One way to do that is through steam from boiling water.

By concentrating the steam through a narrow pipe, its energy will be strong enough to power the turbine.

(show fire pit)

Now in order to boil water, we will need energy to heat it up.

That’s where fire comes in. Fire releases energy that heats things up, also known as: thermal energy.

(show coal thing)

But in order to keep the fire going, we will need to feed it fuel.

Well, that’s what these coals are for. Coals provide fire with the energy to release heat.

(refresh dialog)

Whew! That’s a lot of energy movement from one thing to another!

Now you’re wondering why go through all this trouble?

Well, electrical energy is really easy to move at a long distance. Think of the electrical poles around your home.

All that electricity comes from a place far away so it can have enough space to generate lots of energy!

(coal interact pointer)

Anyhow, let’s turn up the heat!

Go ahead and press the lever to feed the fire.

(wait for one power to activate)

Nice! Here you see the whole process of energy moving from one thing to the next, and finally transforming into electricity.

(show power connect drag)

Now let’s power up that bell by attaching the power line into the socket.

Simply drag the power plug into the socket as shown.

(goal powered)

Excellent! Now we just need to power up the rest of the bells!

Though you may have noticed that only one of the power lines were able to receive electricity.

Well, we’ll just have to fan the flame to make it release more heat!

(show wind spirit)

We need to feed the fire with more oxygen so that it can burn through the coal faster, and produce more heat.

With more heat, the water will produce more steam, allowing it to turn the turbine’s fan faster.

(point at wind spirit)

Simply press the wind fella multiple times until all the power lines are fully charged with electricity.

(all power lines receive energy)

Excellent! With the turbine fully powered, you can now plug in the rest of the power lines.

Just like before, simply drag the power plug into one of the sockets that connects to the bell.

Also remember to keep the fire well fed with coal and oxygen!

(all bells ringing)

Nicely done! With all the bells ringing, we have reached the end of our journey.

This concludes our lesson for energy movement!

Now go forth, and bring energy into the real world!

(end)

Thank you for playing!