

Topic: ⚡ Electricity



Page 1

Young **Science** Investigators

Activity Sheet 1: Treasure Hunt

We use electricity in and around our home every day. Can you solve these riddles to find 12 items that use electricity? These things use power from batteries or by plugging into the electrical socket.

When you know the answer, draw or take a photograph of the correct item on a separate piece of paper or in a scrapbook.

Riddle 1

Just fill me up and let me bubble
A cup of tea solves any trouble
But I can scald, so keep me steady
Sometimes I whistle when I'm ready

Riddle 2

I'm used to switch the TV on
But when you need me, I'll be gone
I hide on sofa, rug or shelf
So, go and switch it on yourself!

Riddle 3

Long hair, short hair, I'm your mate
If you're on time or running late
I'll dry or style your hair so fast
With hot air flowing with a blast

Riddle 4

You mainly use me in the night
To make the room look nice and light
They tell me I'm a real bright spark
But switch me off to make it dark

Riddle 5

Hello? Who's there?
You hear my sound?
It's loud and can be heard all round
My ring can bring you lots of cheer
It's good to talk to loved ones, dear

Riddle 6

I'm really rather strange, I'm told
You plug me in to keep me cold
I keep food fresh all night, all day
Without me, ice would melt away!

Remember that electricity can be dangerous. Always ask an adult to help when you are using electrical items.



Topic: ⚡ **Electricity**



Page 2

Young **Science** Investigators

Activity Sheet 1: Treasure Hunt

When you know the answer, draw or take a photograph of the correct item.

Riddle 7

Just choose a station, turn my dial
If you like music, listen awhile
I wish that I could move and sway
And dance to all the tunes I play

Riddle 8

Whenever summer's really hot
You place me in an ideal spot
And set my blades a-spinning round
To cool you with a whirring sound

Riddle 9

Ouch! Don't touch me – I can burn
If you forget this, you'll soon learn!
I'm used to straighten up your shirts
Your trousers, ties and even skirts

Riddle 10

I save you hours and hours of work
By eating all your dust and murk
I clean your carpets and your floor
Beneath the rug and behind the door

Riddle 11

Most families use me all the time
They polish me until I shine
At breakfast time I'm used the most
I turn your bread to yummy toast

Riddle 12

The yard's where you and I can meet
I cut the grass and make it neat
Without me, gardeners despair
To find a jungle growing there!

How many riddles did you solve?

Can you find any other examples of electricity in action?

