

Angeles City Science High School
Electronics 10

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Activity 6: Can you do this?

Direction. Answer the question below.

1. How can laser help you in doing your daily activities?

Lasers can be used in many different ways. One of the most useful ones is scanning ID. This is especially useful in security systems. Another one that is very similar to our previous scenario is scanning bar codes while shopping. We can use it as an alternative to 3D printing and perform a laser cutting. In many surgical operations, using lasers is important as this is a precise way of cutting/removing a body part or a tumor that is unwanted by the body.

The design and functionality of lasers are so great. They have this ability to precisely cut in tiny areas. They also have the ability to emit light that can't be overridden/interfered be. This is because lasers are visible lights that are amplified further.

2. How important is laser technology in the field of education?

Aside from what I have given earlier, in the field of education, we can use lasers as a pointer in our presentations. This is again because of the amplified visual light. Nowadays, in this pandemic, it is crucial to use one of those detectors to see if a person entering the school caught the virus or not. This still uses some sort of laser technology. We can also use lasers as CCTV camera for security purposes. Lasers are also used in printers or photocopy machines and since schools has to distribute a copy of the modules, it's important to have one of these in a facility.