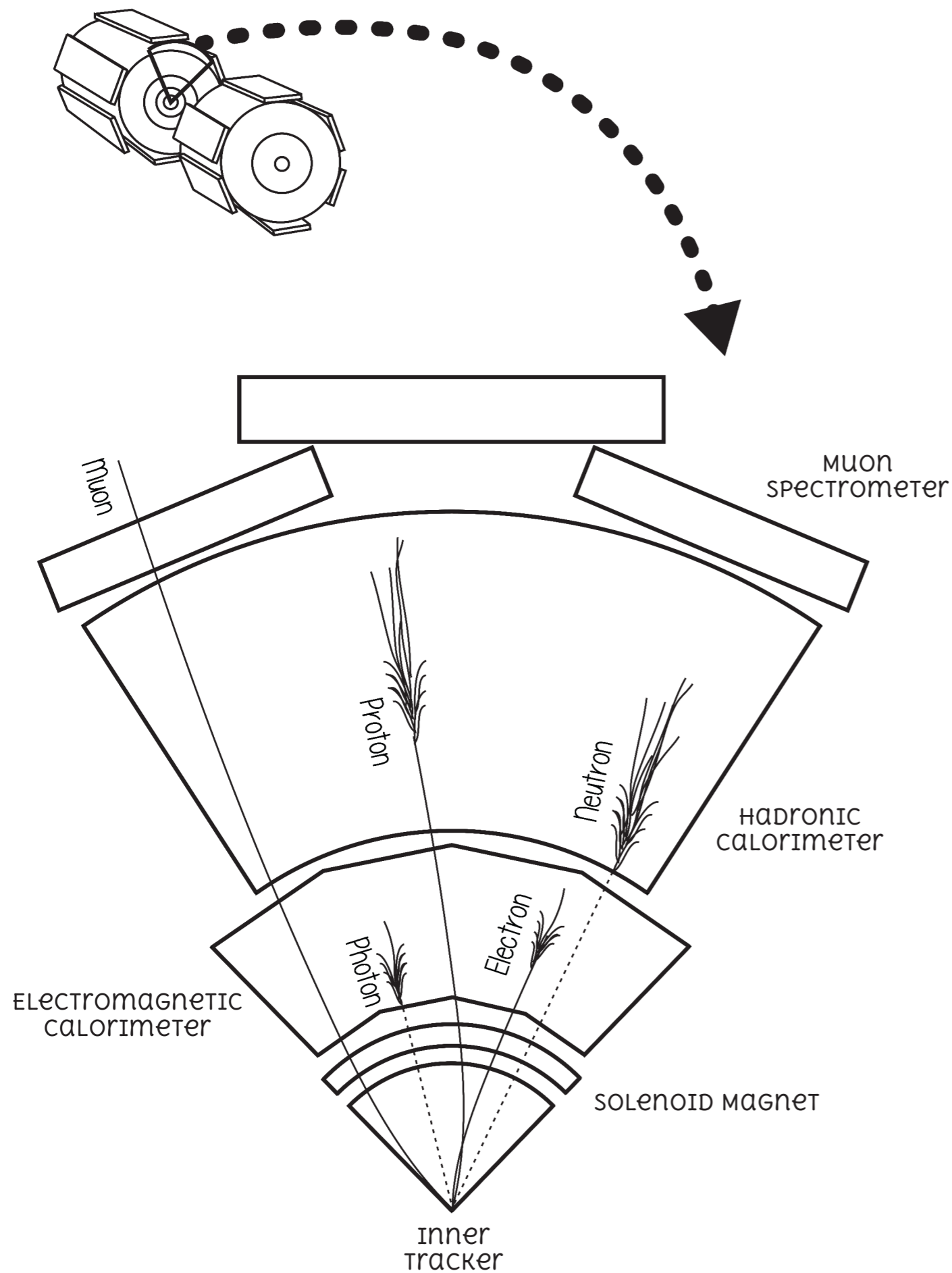
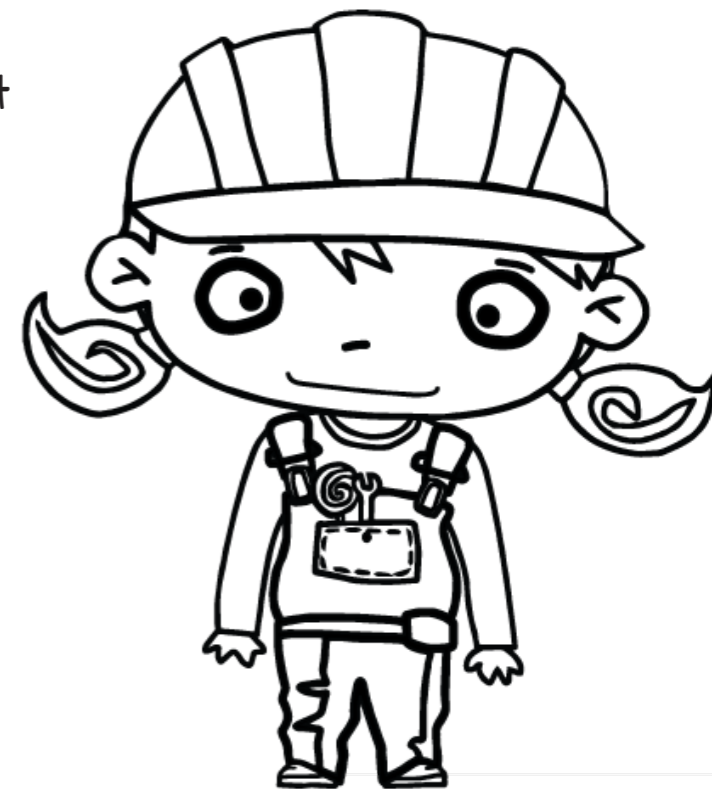


PARTICLE DETECTIVES



The ATLAS detector is like an onion - it has many different layers!

Each layer has a different job. For example, the Solenoid Magnet helps detect particles with an ELECTRIC charge by making them curve!



Finding new particles is a lot like detective work! Instead of seeing the particles directly, we look at the tracks they leave behind in the detector. Using these clues, we can identify the particles!

We also try to learn more about the characteristics of the different particles.

I am studying the HIGGS BOSON. There is still a lot we don't know about it! For example, how does it behave with other particles?