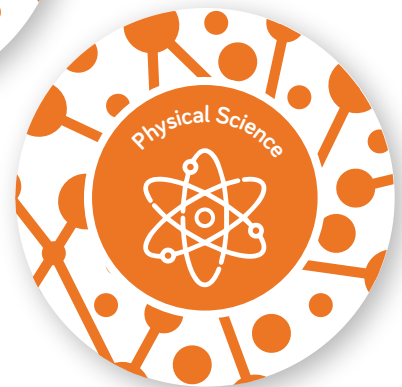


DCIs

Disciplinary Core Ideas

Disciplinary Core Ideas (DCIs) represent the big ideas in STEM. DCIs are the dimension most reminiscent of “traditional” science instruction and are made up of four components: Life Science; Earth and Space Science; Physical Science; and Engineering, Technology, and the Application of Science.



Earth and Space Science



Investigate the structure, composition, and history of the Universe—as well as Earth’s place within it.

Life Science



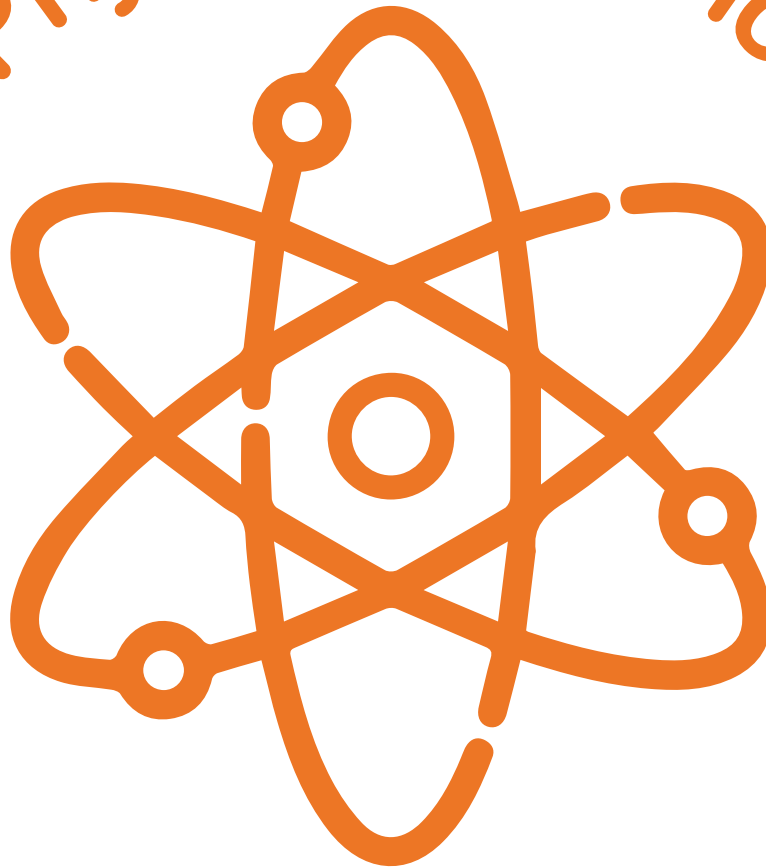
Examine living organisms as part of whole systems, studying how they interact in the biosphere with their environments and other organisms.

Engineering, Technology, and the Application of Science



Uncover how engineering design can be used to create new technology in response to problems or to explore new applications of science.

Physical Science



Understand how every system and process on Earth is dependent on physical and chemical subprocesses.