# Download Claim Evidence Reasoning Science

According to the CER model, an explanation consists of:. A claim that answers the question; Evidence from students' data; Reasoning that involves a "rule" or scientific principle that describes why the evidence supports the claimThe image below does a good job of highlighting the various parts of Claim-Evidence-Reasoning (C-E-R), and the concrete nature of these guiding questions gives my students a solid structure to present their explanations of scientific phenomena.The Science of Why We Don’t Believe Science How our brains fool us on climate, creationism, and the vaccine-autism link. Chris Mooney May/June 2011 IssueAPPENDIX F SCIENCE AND ENGINEERING PRACTICES IN THE NEXT GENERATION SCIENCE STANDARDS. A Framework for K–12 Science Education (Framework) provides the blueprint for developing the Next Generation Science Standards (NGSS).The Framework expresses a vision in science education that requires students to operate at the nexus of three dimensions of learning: Science and Engineering Practices ...