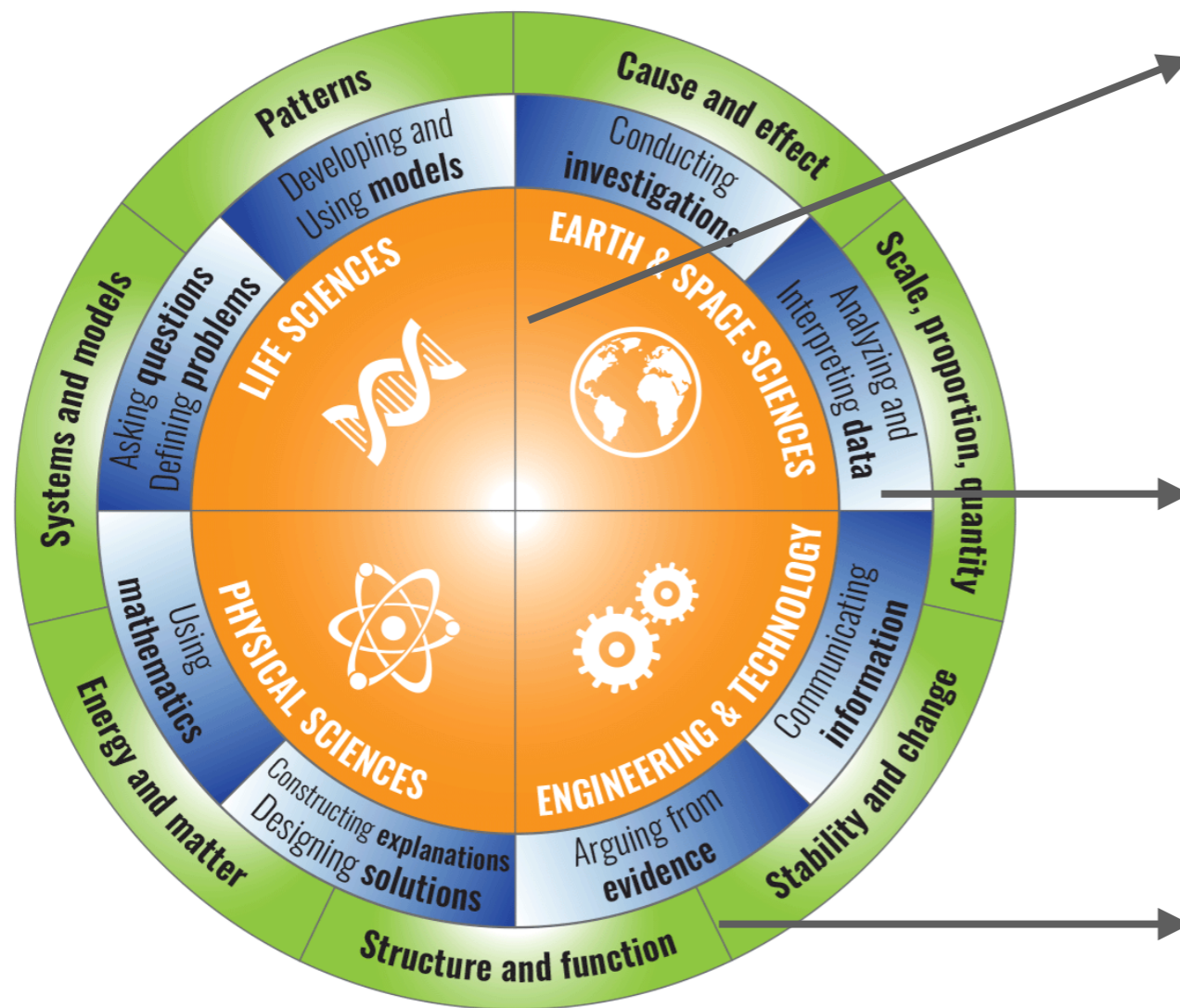


Modeling Instruction and the Next Generation Science Standards (NGSS)

AMERICAN MODELING TEACHERS ASSOCIATION



Disciplinary Core Ideas:

Modeling instructional resources cover the DCIs identified by the NGSS and teachers can easily adjust to add additional content as needed

Science & Engineering Practices:

The 8 SEPs perfectly align with the Modeling pedagogy, where students gain valuable experiences 'acting' like scientists

Crosscutting Concepts:

Teachers should be explicit with the 7 CCCs as they progress through the Modeling storyline. The various CCCs appear in each discipline, although *energy and models* are the primary focus of Modeling Instruction