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.