

## Goals

In this advanced NGSS workshop, participants will:

1. experience and understand one approach to 3D learning and how to apply it to other units
2. redesign an existing unit to better fit an NGSS 3D approach to learning and be prepared to apply this skill to redesign any curriculum in this way
3. build a community of practice to support feedback and continued learning

## NGSS Inside Out: Unit Redesign Challenge

Day 1	Day 2	Day 3
<p>Welcome and overview of workshop*</p> <ul style="list-style-type: none"> <li>● Introduce norms for professional learning</li> </ul> <p>Part 1: Connect to prior knowledge about 3D teaching and learning</p> <ul style="list-style-type: none"> <li>● What do you expect to see in the classroom?</li> <li>● Read and discuss NGSS Guiding Principles?</li> </ul> <p>Part 2: Begin model 3D unit</p> <ul style="list-style-type: none"> <li>● Shift to “learner mode”</li> <li>● Essential Question: Why do we have seasons?</li> </ul> <p>Conclusion</p> <ul style="list-style-type: none"> <li>● Revisit norms</li> <li>● Participants complete feedback cards</li> </ul>	<p>Welcome and overview of Day 2</p> <ul style="list-style-type: none"> <li>● Return to norms</li> </ul> <p>Part 1: Continue 3D model unit</p> <ul style="list-style-type: none"> <li>● Shift back into “learner mode.”</li> <li>● Guided by same Essential Question</li> </ul> <p>Part 2: Reflecting on model unit</p> <ul style="list-style-type: none"> <li>● Shift to “teacher mode”</li> <li>● Discussion: Identify three dimensions and pedagogical moves</li> </ul> <p>Part 3: Planning time I</p> <ul style="list-style-type: none"> <li>● Reflect on unit you want to redesign</li> <li>● Identify big ideas of your unit</li> </ul> <p>Conclusion</p> <ul style="list-style-type: none"> <li>● Revisit norms</li> <li>● Participants complete feedback cards</li> </ul>	<p>Welcome back</p> <ul style="list-style-type: none"> <li>● Return to norms</li> </ul> <p>Part 1: Planning time II</p> <ul style="list-style-type: none"> <li>● Support learning goals with Connect SEPs and CCCs</li> </ul> <p>Part 2: Peer Feedback</p> <ul style="list-style-type: none"> <li>● Revise norms to support feedback and intro protocol</li> <li>● Feedback protocol</li> </ul> <p>Part 3: Planning time III</p> <ul style="list-style-type: none"> <li>● Iteration based on feedback</li> </ul> <p>Conclusion</p> <ul style="list-style-type: none"> <li>● Gallery walk of work</li> <li>● Closing reflection circle</li> <li>● Certificate Ceremony</li> <li>● Participants complete feedback cards</li> </ul>

*\*Each day is 6 hours and includes a morning break and 45 minute lunch*