



# Expedition: Mars Standards Alignment



## Indiana

### Science and Engineering Process Standards (SEPS)

For students in grades 5<sup>th</sup> – 8<sup>th</sup>, the simulated missions and their curriculum address Science and Engineering Process Standards as students by: *performing investigations in the field or laboratory and working collaboratively as well as individually monitoring and recording progress; analyzing results and formulating solutions to problems; using results and citing data to form coherent explanations; communicating clearly and articulating ideas and methods that are generated.*

### Science, Math & English/Language Arts goals and Standards

The simulated missions and the associated curriculum address the following Indiana Academic Standards and College & Career Ready Standards for students in grades 5<sup>th</sup> – 8<sup>th</sup>.

	Science	Math	ELA
<b>5<sup>th</sup> grade</b>	5.ESS.1 5.ESS.2 5.PS.1 5.PS.2 5.PS.4	5.NS.3 5.NS.5 5.AT.1 5.AT.5 5.AT.6 5.AT.7 5.DS.1	5.RN.2.2 5.RV.2.1 5.W.5 5.SL.2.1
<b>6<sup>th</sup> grade</b>	6.PS.3 6.PS.4 6.ESS.1 6.ESS.3 6-8.E.1 6-8.E.3 6.LS.4 6.LS.2 6.PS.3	6.NS.1 6.AF.8	6.RN.1 6.RV.1 6.RV.2.1 6.RV.3.1 6.W.2 6.SL.3.1
<b>7<sup>th</sup> grade</b>	6-8.E.1 6-8.E.3 7.ESS.5 7.ESS.1	7.C.8	7.RN.1 7.RV.1 7.RV.2.1 7.RV.3.1 7.W.2 7.SL.3.1
<b>8<sup>th</sup> grade</b>	6-8.E.1 6-8.E.3 8.ESS.3	8.C.2 8.AF.8	8.RN.1 8.RV.1 8.RV.2.1 8.RV.3.1 8.W.2 8.SL.3.1