

Course Content: Mars Exploration

	Day 1	Day 2	Day 3	Day 4	Day 5
1 st hour	<ul style="list-style-type: none"> NASA Expert video intro Intro to Mars environment 	<ul style="list-style-type: none"> Intro to Mars Ingenuity 4 forces of flight 	<ul style="list-style-type: none"> Intro to Engineering Design Process (EDP) EDP: helicopter iterative design 	<ul style="list-style-type: none"> 3rd Law of Motion EDP: Balloon rover iterative design 	<ul style="list-style-type: none"> Student inquiry: Mars mission & rover design
2 nd hour	<ul style="list-style-type: none"> Intro to Mars Perseverance Student inquiry: Mars mission 	<ul style="list-style-type: none"> Student inquiry: Mars mission & rover design 	<ul style="list-style-type: none"> Scientific Method: Mars descent challenge 	<ul style="list-style-type: none"> 2nd Law of Motion Scientific Method: Balloon rover challenge 	<ul style="list-style-type: none"> Mars mission & rover design challenge presentation
Last 45 min	<ul style="list-style-type: none"> Reflect: rover design/Mars environment 	<ul style="list-style-type: none"> Reflect: Helicopter design/4 forces 	<ul style="list-style-type: none"> Student inquiry: Mars mission & rover design 	<ul style="list-style-type: none"> Student inquiry: Mars mission & rover design 	<ul style="list-style-type: none"> Wrap up

