

Inq-ITS Virtual Labs

Inq-ITS Virtual Lab	Florida Science Standards – Middle School Alignment
General Inquiry	
Flower	The Practice of Science, Modeling and simulations, Problem solving and algorithms
Ramp	The Practice of Science, Modeling and simulations, Problem solving and algorithms
Physical Science	
Phase Change	SC.7.P.11.1
Energy: Free Fall	SC.6.P.11.1, SC.7.P.11.2, SC.7.P.11.3
Energy & Air Resistance	SC.6.P.11.1, SC.7.P.11.2, SC.7.P.11.3
Velocity: Free Fall	SC.6.P.12.1
Velocity & Air Resistance	SC.6.P.12.1
Density	SC.8.P.8.3
Gravity & Mass: Introduction	SC.6.P.13.2, SC.8.P.8.2
Orbit Distance & Gravity	SC.6.P.13.2, SC.8.P.8.2
Collisions: Introduction	SC.6.P.13.3
Collisions: Advanced	SC.6.P.13.3
Collisions: Inelastic	SC.6.P.13.3
Forces & Motion: Introduction	SC.6.P.13.1
Forces & Motion: Different Planetary Bodies	SC.6.P.13.1
Waves on a String	SC.7.P.10.3
Waves in a Drum	SC.7.P.10.3
Chemical Reactions	SC.8.P.9

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Life Science

Cell: Animal - Energy & Storage	SC.6.L.14.2, SC.6.L.14.3
Cell: Animal - Function	SC.6.L.14.2, SC.6.L.14.4
Cell: Plant - Energy & Storage	SC.6.L.14.2, SC.6.L.14.3
Cell: Plant - Function	SC.6.L.14.2, SC.6.L.14.4
Diversity of Traits	SC.7.L.17.3
Natural Selection	SC.7.L.15.2, SC.7.L.15.3
Predation	SC.7.L.17.2
Genetics	SC.7.L.16.1, SC.7.L.16.2

Earth Science

Lunar Phases	SC.8.E.5.9
Seasons: Introduction	SC.8.E.5.9
Seasons : Earth has No Tilt!	SC.8.E.5.9
Eclipses	SC.8.E.5.9
Convergent	SC.7.E.6.4, SC.7.E.6.5, SC.7.E.6.7
Divergent	SC.7.E.6.4, SC.7.E.6.5, SC.7.E.6.7
Human Activity	Coming Soon