

Science Year 2

Unit Title	Me, a Scientist?	Exploration of Motion and Forces	The Changing Earth	Human Bio	Land use and Man Topography	You Are What You Eat
SOI	Relationships are understood when patterns and modeling take place with the help of technical innovations	Experimenting with forces, energy, changes the motion of objects and allows one to understand their orientation in space and time	Consequences of Earth's changes can be analyzed through available evidence and the help of scientific and technical innovations	Body System functions are kept in balance through the interaction and relationship they have with each other	Man's relationship with the earth leads to development of models that allow one to orient in space and time	Understanding the relationship between fitness and nutrition helps individuals lead a balanced life
Key Concept	Relationships	Change	Change	Systems	Relationships	Connections
Related Concepts	Patterns Modeling	Modeling Movement	Consequence Evidence	Balance Function Interaction	Development Models	Balance Interaction
Global Context	Scientific and global innovations	Orientation in space and time	Scientific and Technical Innovation	Identities and relationships	Orientation in space and time	Identities and relationships
Criterion	A. i,ii,iii D. i,ii,iii	B. i,ii,iii,iv C. i,ii,iii,iv,v	A. i,ii,iii D. i,ii,iii	B. i,ii C. ii	A.i,ii D. iii,iv	C.i,ii,iii D. i,ii,ii,iv
ATL	Communication Self-Management	Communication Social Self-management Research Thinking	Communication Research Thinking	Communication Social Research Self-Management	Communication Self-management Thinking	Communication Self-Management Research Social Thinking
Content	Lab safety, equipment, note-taking, metric system, scientific inquiry, measurement	Circuit of Inquiries, force of gravity, elastic forces, force of friction, inertia	Earthquakes, earth's interior, seismic waves, plate tectonics, faults, convection currents, volcanoes, tsunamis	Human body systems, breathing models, releasing energy-food, disease and health careers, the pumping heart	Map symbols, topographic maps, routing, benchmarks	Student health profile, blood pressure, BMI, You are What You Eat