

Month	Standard/Learning Target	Program Materials/Resources	Assessment	Writing	Vocabulary
<i>7 weeks Sept-Oct</i>	Unit 1:Space	Earth Science: Kognity Earth and Space Science, New ESS Reference Tables, Lab Sheets, practice sheets, notes	Tests, Quizzes, Lab sheets, Homework, Notes, Regents worksheets	*Writing will be incorporated on a daily basis in homework assignments, labsheets, castle questions, and notes/activities.	Air map Cloud moon Earth phase Forecast rain Ice season Land severe Local stars Locate sun
<i>3 weeks Oct-Nov</i>	Unit 2: Earth's History	Earth Science: Kognity Earth and Space Science, New ESS Reference Tables, Lab Sheets, practice sheets, notes	Tests, Quizzes, Lab sheets, Homework, Notes, Regents worksheets	*	Natural resources Resources fossil Temperature fuel Water erosion Wind geosphere Atmosphere Biosphere glacier
<i>10-13 weeks Nov-Jan</i>	Unit 3: Resource Management	Earth Science: Kognity Earth and Space Science, New ESS Reference Tables, Lab Sheets, practice sheets, notes	Tests, Quizzes, Lab sheets, Homework, Notes, Regents worksheets	*	Climate orbit Condensation Earthquake ocean Global carbon cycle Gravity planet Hydrosphere Landscape rock Renewable soil Sediments space Reservoir rotation Source space Weathering volcano crust Asthenosphere Convection eclipse Core(inner&outer) Current(ocean)
<i>3 weeks Feb</i>	Unit 4: Feedback Systems and Coevolution of the Earth,	Earth Science: Kognity Earth and Space Science, New ESS Reference Tables, Lab Sheets, practice sheets, notes	Tests, Quizzes, Lab sheets, Homework, Notes, Regents worksheets	*	Dynamic equilibrium Eclipse galaxy Geological interior Historical/history Lithosphere lunar

<i>7 weeks Mar-April</i>	Unit 5: Earth's Climate	Earth Science: Kognity Earth and Space Science, New ESS Reference Tables, Lab Sheets, practice sheets, notes	Tests, Quizzes, Lab sheets, Homework, Notes, Regents worksheets	*	Mantle region Milky Way solar Primary secondary Rock strata Solar system tilt
<i>4-5 weeks April-May</i>	Unit 6: Impacts on Earth's Systems	Earth Science: Kognity Earth and Space Science, New ESS Reference Tables, Lab Sheets, practice sheets, notes	Tests, Quizzes, Lab sheets, Homework, Notes, Regents worksheets	*	Stationary tectonic Unifying astronomy Apparent angular Diameter Big Bang Theory Coevolution fusion
<i>Remaining 2-3 weeks May-June</i>	Regents Review	Earth Science: Kognity Earth and Space Science, New ESS Reference Tables, Lab Sheets, practice sheets, notes	Review activities	*	Electromagnetic Formation spectra Kepler's laws Radioactive decay Sustainability Ice age insolation
<i>June</i>	Earth and Space Regents Exam				