

Cosmic	LIGO	CMS	i-Lab	e-Lab Requiriements
				Use authentic data for scientific investigations that students design.
				Have common components [ <a href="http://www13.i2u2.org/glossary/index.php/E-Lab_Out">http://www13.i2u2.org/glossary/index.php/E-Lab_Out</a>
				<u>Project Page</u> – general overview
				<u>Teacher Pages</u> – common required format and information
				<u>Student Pages</u> – common navigation and required sections with open design
				Support collaborative learning.
				Support common learner outcomes in addition to specific e-Lab content LOs.
				Require only a browser for school-based users.
				Have capabilities for data access, processing and publishing and for reporting results (and some for data upload).
				Have grid-based analysis code and administrative tools based on the SWIFT infrastructure.
				Have searchable metadata associated with data and data products (plots, posters).
				Use virtual data tools and techniques.
				Use common infrastructure for educational scaffolding (milestones, logbook, references).
				Support a virtual community of learners with online discussion forums, document storage, wiki-like interactive publishing and help desks.
				Offer professional development workshops to help teachers become effective users.