Illinois Science Assessment Grade 5 Blueprint

Domain	Percent of Items	Disciplinary Core Ideas Performance Expectations	Number of Operational Clusters	Science & Engineering Practices	Crosscutting Concepts
Earth & Space Science	30-35	3-ESS2-1, 3-ESS2-2, 3-ESS3-1, 4-ESS1-1, 4-ESS2-1, 4-ESS2-2, 4-ESS3-1, 4-ESS3-2, 5-ESS1-1, 5-ESS1-2, 5-ESS2-1, 5-ESS2-2, 5-ESS3-1	4	Asking Questions & Defining Problems Developing & Using Models Planning & Carrying Out Investigations Analyzing & Investigating Data Using Mathematical & Computational Thinking Constructing Explanations & Designing Solutions Engaging in Argument from Evidence Obtaining, Evaluating, & Communicating Information	Patterns Cause & Effect Scale, Proportion, & Quantity Systems & System Models Energy & Matter Structures & Functions Stability & Change
Life Science	30-35	3-LS1-1, 3-LS2-1, 3-LS3-1, 3-LS3-2, 3-LS4-1, 3-LS4-2, 3-LS4-3, 3-LS4-4, 4-LS1-1, 4-LS1-2, 5-LS1-1, 5-LS2-1	4		
Physical Science	30-35	3-PS2-1, 3-PS2-2, 3-PS2-3, 3-PS2-4, 4-PS3-1, 4-PS3-2, 4-PS3-3, 4-PS3-4, 4-PS4-1, 4-PS4-2, 4-PS4-3, 5-PS1-1, 5-PS1-2, 5-PS1-3, 5-PS1-4, 5-PS2-1, 5-PS3-1	4		

- The Illinois Science Assessment (ISA) contains three test sections with 32 items each, 30 multiple choice and 2 constructed responses.
  - Each section is designed to be completed in 40 minutes, allowing testing to take place within a normal class period.
- Each section contains four operational and one field-test cluster.
  - Each cluster is made up of 6 to 7 items / all items in a cluster are aligned to the same domain / each test section includes clusters from all three domains / clusters are based on a common phenomenon or Performance Expectations within a domain.
- Science & Engineering Practices (SEPs) and/or Crosscutting Concepts (CCCs) are embedded within each item / Engineering, Technology, & Applications of Science are also embedded where possible.