

Science PreKindergarten 3

Illinois Early Learning and Development Standards

- 11.A Science and Engineering practices
- 12.A Living things grow and change
- 12.B Living things rely on environment and others to live and grow
- 12.C Matter: physical properties of objects
- 12.D Force and Motion
- 12.E Earth: characteristics of earth, water, and air; take care of planet
- 12.F Weather: changes and seasons
- 13.A Rules to follow when investigating and exploring
- 13.B Tools and technology to assist with science and engineering investigations

Technology

SMART Board, laptop, iPad, YouTube

Standards	Essential Questions	Content	Skills	Assessment	Resources
Scientific Skills 11.A 13.A 13.B	Scientific Skills How do scientists work?	Scientific Skills -Tools and Safety -Observation -Graph -Model -Question -Problem Solving -Conclusion	Scientific Skills -Use tools properly -Show curiosity and interest -Communicate observations -Record information on graphs -Build models -Discuss solutions and conclusions	Scientific Skills -Teacher observation -Discussion	Scientific Skills -Lab Kits (teacher created) -Non-fiction books - <i>My Big World</i> by Scholastic
Living Things 12.A 12.B	Living Things How do living things grow and change?	Living Things -Life cycle -Basic needs -Environment	Living Things -Observe and investigate the stages of the life cycle -Name at least one basic need of living things -Match living things to their environments	Living Things -Teacher observation -Discussion	Living Things -Lab Kits (teacher created) -Non-fiction books - <i>My Big World</i> by Scholastic
Physical Properties of Objects 12.C	Physical Properties of Objects How are objects identified and described? How can objects be changed?	Physical Properties of Objects -Properties -Changes	Physical Properties of Objects -Sort objects according to given characteristics -Observe changes in matter	Physical Properties of Objects -Teacher observation -Discussion	Physical Properties of Objects -Lab Kits (teacher created) -Non-fiction books - <i>My Big World</i> by Scholastic
Weather and Seasons 12.F	Weather and Seasons What is weather and how does it change with the seasons?	Weather and Seasons -Elements -Conditions -Four Seasons	Weather and Seasons -Develop weather vocabulary -Recognize how weather affects daily activities -Identify the four seasons	Weather and Seasons -Teacher observation -Discussion	Weather and Seasons -Lab Kits (teacher created) -Non-fiction books - <i>My Big World</i> by Scholastic