

# Elementary Science Investigations With the SmartMicroScope By SmartSchool Systems

## *Scope and Sequence - NGSS*

Lab Activity	Topic	Main NGSS
1. Printed Colors	Color Mixtures	2-PS1-1; 2-PS1-3
2. Kitchen Gems	Properties of Crystals	2-PS1-1; 5-PS1-1
3. Salty Solution	Salt Mixtures	2-PS1-4; 5-PS1-4
4. Fabrics	Comparing Properties of Fabrics	K-PS3-2
5. Fingerprints	Comparing Properties of Fingerprints	1-LS3-1; 3-LS3-1
6. Oxidation	What Materials Inhibit Oxidation?	4-ESS3-2
7. Rocks	Properties of Rocks	4-ESS1-1
8. Microfossils	Meaning of the Presence of Microfossils	4-ESS3-1
9. Sand	Properties of Sand	K-ESS3-3
10. Soil	Properties of Soil	
11. Discovering Seeds	Properties of Seeds	K-LS1-1; 2-LS2-1; 4-LS1-1; 5-LS1-1
12. Roots	Root Growth	K-LS1-1; 2-LS2-1; 4-LS1-1; 5-LS1-1
13. Parts of a Flower	Flower Dissection	4-LS1-1
14. Plant Stems	Stem Structure and Function	K-LS1-1; 4-LS1-1
15. Insects	Insect Anatomy	K-LS1-1
16. Animal Coverings	Structure and Function of Animal Coverings	K-LS1-1; 2-LS4-1
17. Pond Water	Pond Interactions	5-PS1-1; 4-LS1-1; 2-LS4-1
18. Life Cycle	Observing Complete Metamorphosis	3-LS1-1
19. Mold Race	Factors Affecting Mold Growth	5-PS1-1; K-LS1-1
20. Sweating	Why Does Sweating Cause Bacteria to Grow?	4-LS1-1