**SC STEM Hub’s Inventory-at-a-Glance**

***Blue = NEW in 2016***

**Technology**

30 Samsung Galaxy 7.0 Tablets

3-D Printer

**Kits and Equipment**

PreK-1

\* Pint-Size Science Classifying Creatures

\* Pint-Size Science Gizmos and Gadgets

\* Pint-Size Science Bee-Bots

\* Pint-Size Science Insect Investigators

K-6

\* EiE Windmill Design

\* EiE Parachutes

\* EiE Magnets and Transportation

\* EiE Bubble Wands

\* Kruse & Wilcox Designing a Building

\* Kruse & Wilcox Whirlygigs

\* LEGO Tech Machines

\* Kidwind Windmills

\* Kidwind Wind Turbine

\* Kidwind Wind Tunnel

\* AWIM Inspired by Nature

\* AWIM Jettoy

\* AWIM Skimmer

\* AWIM Straw Rocket

\* AWIM Gravity Cruiser

\* AWIM Motorized Toy Car

\* Camp in a Can Scales & Tails

\* Carolina Patterns All Around

\* Carolina Microworlds

\* Carolina Plant Growth & Development

6-8

\* AWIM Gears

\* AWIM Fuel Cell

\* AWIM Glider

9-12

\* Light Sensor

\* Motion Detector

\* Labquest 2

\* Voltage Probe

\* TI Light Probe

\* Temperature Probe

\* pH Sensors

\* Adafruit ARDX-v1.3 for Arduino

**Educator Books and Materials**

K-5

\* Sally Ride Science Program (space)

\* EiE Designing Knee Braces

\* EiE Designing Bridges

\* EiE Designing Water Filters

\* EiE Designing Walls

\* EiE Designing Plant Packages

\* EiE Designing Maglev Systems

\* EiE Improving a Play Dough Process

\* EiE Replicating an Artifact

\* EiE Designing Alarm Circuits

\* EiE Designing Lighting Systems

\* EiE Cleaning an Oil Spill

\* EiE Designing Submersibles

\* EiE Designing Parachutes

\* EiE Evaluating a Landscape

\* EiE Designing Model Membranes

\* EiE Designing Hand Pollinators

\* EiE Making Work Easier

\* EiE Seeing Animal Sounds

\* EiE Safe Removal of Invasive Species

\* EiE Engineering Bubble Wands

\* EiE Designing Solar Ovens

\* AWIM The Design Experience, Challenge 2

\* Family Science

\* Push, Pull, Go

\* Carolina Student Notebook Blank

\* Plant Growth and Development

\* Motion and Design

\* Soil

\* Sound

\* Ecosystems

\* Changes: liquid, solid, gas

\* Malarky and the Big Trap

\* The Three Little Pigs Sledding Adventure

7-12

\* Exploring the Nature of Light

\* Studying the Development and
   Reproduction of Organisms

\* Exploring Plate Tectonics

\* Exploring the Properties of Matter

\* CASE Training Notebook

\* Issues in Physical Science Text and Materials

\* Science and Global Issues Text and Materials

\* SEPUP SGI Ecology Student Text

\* SEPUP SGI Biology Student Text

\* SEPUP SGI Biology Teacher Text

\* SEPUP SGI Genetics Student Text

\* SEPUP SGI Evolution Student Text

**NSTA Teacher Resources:**

\* The Case for STEM Education

\* Everyday Engineering

\* Exemplary Science for Building
   Interest in STEM Careers

\* Integrating Engineering + Science in
   Your Classroom

\* Introduced Species

\* Teaching Science in the 21st Century

\* Teaching Science in the Two-Year
   College

\* Technology -Based Inquiry for Middle
   School

\* Technology in the Secondary Science
   Classroom

\* STEM Student Research Handbook

*Questions? Contact Dr. Sarah Derry at* scstemhub@drake.edu*.*