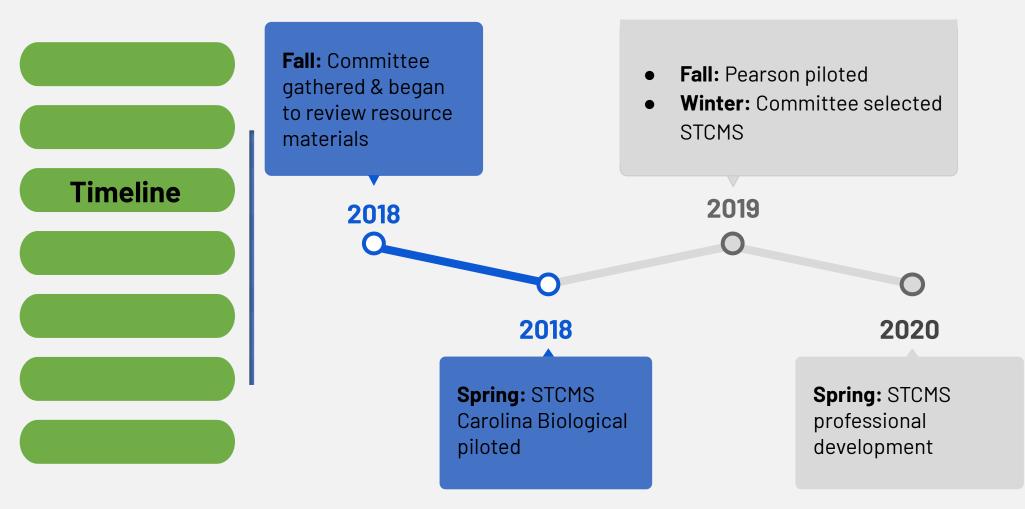
## **CURRICULUM UPDATE: Middle** School Science 03.12.20



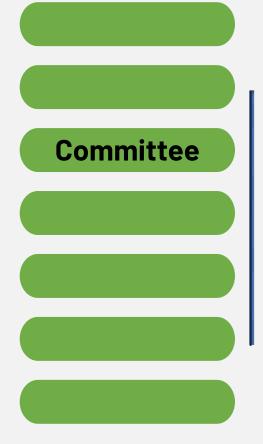
## Rationale

Science and Technology Concepts Middle School (STCMS) will engage students in authentic science, technology, engineering, and math (STEM) experiences through hands-on learning, science notebooking, and a deep dive into content.









- All middle school science teachers (SMS & TMS)
- Building Level Administrator (Steve Perkins)
- Department of Student Learning (Becky FitzPatrick & Melanie Zenisek)



Resource

- Coherent Storylines
- Three-dimensional Learning Construction
- Hands-on Investigations
- Literacy & Mathematics Connections
- Spanish Translations
- Cross Device Technology



Resource	

6th	Ecosystems and Their Interactions	Matter and Its Interactions	Space Systems Exploration
7th	Energy, Forces, and Motion	Structure and Function	Weather and Climate Systems
8th	Electricity, Waves, and Information Transfer	Earth's Dynamic Systems	Genes and Molecular Machines





- 1) Introductory Level: An overview of each unit and focus on student notebooking
- 2) Intermediate Level: A deeper dive into content using student work to improve instructional practices
- 3) Online Quick Tips: Resources for Teachers



- Professional Learning 19-20
  - January 29 Scope & Sequence Development
  - March 14 Notebooking
  - April 13 Exploring New Content/Assessment

Professional Learning 20-21

PL

- Content Support for Teachers
- Standards Based Grading Support
- Continued Scope & Sequence Work



Total	*\$226,123
8 <sup>th</sup> Grade	\$90,053
7 <sup>th</sup> Grade	\$65,522
6 <sup>th</sup> Grade	\$70,548

\*Includes professional development for staff, a class set of textbooks for each teacher, the online subscription for all students and teachers for six years, consumable materials for two years, and shipping. Buildings will absorb the consumable materials cost in years 3–6.

Cost





8th Grade: Genes and Molecular Machines







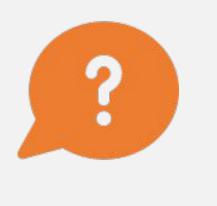












## Questions?

Presentation Template: SlidesMania