

# 2024 AMSTI Summer Elementary (K-5) Science

AMSTI summer training sessions will be offered in multiple locations to prepare participants for the upcoming 2023 Alabama Course of Study science standard and unit changes. Crossover training will provide insights in a condensed format on the variances between former and upcoming units. Crossover training sessions will only be offered to participants already certified in existing units. These adjustments aim to enhance the learning experience and ensure standard alignments.

## Science Foundational Training (SFT)

Science Foundational Training (SFT) is the prerequisite course for new teachers unit training.

<b>June 4</b> Orange Beach, AL - Location TBA	<b>June 6</b> USA-UCOM 75 South University Blvd., Mobile, AL	<b>July 8</b> Phillips Preparatory 3255 Old Shell Road, Mobile, AL
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## K-5 Science Sessions

In order to receive the unit kits, attendance is required for all days of the training session.

Grade	Current Kit Title	New Units	Jackson June	Mobile @ Phillips July	Baldwin July
K	Push & Pull	Objects in Motion		18	11
K	Plants & Animals	Plant and Animal Needs		16	10
K	Weather Walk	Ready for Weather		17	9
1	Sound, Light & Sky	Sound, Light, and Sky Patterns (2 days)		15, 16	8, 9
1	If previously trained in SLS	Sound, Light & Sky Patterns Crossover		16	9
1	Wild Organisms	Living Things		17	10
2	Matter	*No Change (2 days)		9, 10	8, 9
2	Soils & Shores	*No Change (2 days)		15, 16	
2	Plants & Bugs	Growing Plants		11	10
3	Forces & Interactions	Patterns of Motion (2 days)		15, 16	8, 9
3	Heredity & Diversity	Comparing Organisms (2 days)		11, 12	10, 11
3	Weather & Climate	*No Change (2 days)		9, 10	
4	Energy & Waves	*No Change (2 days)	25, 26	10, 11	
4	Animal Studies	Animal Senses (2 days)		17, 18	10, 11
4	Water & Landforms	Soils, Rocks & Landforms (2 days)		15,16	8, 9
5	Matter & Interactions	*No Change (2 days)		15, 16	
5	Earth: Gravity & Space	Navigating the Sky (2 days)		10, 11	8, 9
5	Dynamics of Ecosystems	Living Systems (2 days)		17, 18	10, 11

**Jackson High School**  
 321 Stanley Drive  
 Jackson, AL  
**Phillips Preparatory**  
 3255 Old Shell Road  
 Mobile, AL



**Baldwin County**  
 Location TBA

**AMSTI-USA Office**  
 93 Sidney Phillips Drive  
 Mobile, AL

Register at <https://www.amstiusa.org/training>

The SDE requires a minimum of 5 participants per session. You will receive a confirmation email once the session has reached the minimum number of participants.

# 2024 AMSTI Summer Middle School (6-8) Science

AMSTI summer training sessions will be offered in multiple locations to prepare participants for the upcoming 2023 Alabama Course of Study science standard and unit changes. Crossover training will provide insights in a condensed format on the variances between former and upcoming units. Crossover training sessions will only be offered to participants already certified in existing units. These adjustments aim to enhance the learning experience and ensure standard alignments.

## Science Foundational Training (SFT)

Science Foundational Training (SFT) is the prerequisite course for unit training.

<b>June 4</b> <b>Orange Beach Middle &amp; High School</b> 23908 Canal Rd, Orange Beach, AL	<b>June 6</b> <b>USA-UCOM</b> 75 South University Blvd., Mobile, AL	<b>July 8</b> <b>Phillips Preparatory</b> 3255 Old Shell Road, Mobile, AL
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## Middle School (6-8) Content Sessions

In order to receive the unit kits, attendance is required for all days of the training session.

Grade	Current Kit Title	New Unit	Fairhope June	Jackson June	Mobile @ Phillips July
6	<b>Researching the Sun, Earth, Moon Systems AND Exploring Planetary Systems are Becoming</b>	<b>Space Systems Exploration (3 days)</b>	10, 11, 12		17, 18, 19
	RSEM & EPS	Crossover to Space Systems Explorations (1/2 day)	14 (am)	25 (am)	9 (am)
6	<b>Understanding Weather &amp; Climate</b>	<b>Weather and Climate Systems (3 days)</b>			8, 9, 10
	If previously trained in W&C	Crossover to Weather and Climate Systems (1/2 day)	14 (pm)	25 (pm)	9 (pm)
6	<b>Exploring Plate Tectonics</b>	<b>Earth's Dynamic Systems (4 days)</b>			11, 12, 15, 16
	If previously trained in EPT & EPS	Crossover to Earth's Dynamic Systems (1 day)	13	26	8
7	<b>Investigation Biodiversity &amp; Interdependence</b>	<b>Ecosystems and Their Interactions (4 days)</b>			17, 18, 19, 22
7	<b>Studying the Development &amp; Reproduction of Organisms</b>	<b>Genes and Molecular Machines (4 days)</b>	11, 12, 13, 14		8, 9, 10, 11
	If previously trained in SDRO	Crossover to Genes & Molecular Machines (1 day)	10	25	15
7	<b>Exploring Body Systems &amp; SDRO</b>	<b>Structure and Function (3 days)</b>			12, 15, 16
	If previously trained in DRO & IBI	Crossover to Structure & Function (1 day)	11	26	16
8	<b>Exploring Properties of Matter AND Exploring Mixtures, Compounds &amp; Elements</b>	<b>Matter and Its Interactions (4 days)</b>	11, 12, 13, 14		8, 9, 10, 11
	If previously trained in EPOM & EMCE	Crossover to Matter & Its Interactions (1 day)	10	25	12
8	<b>Exploring Forces and Motion</b>	<b>Energy, Forces, &amp; Motion (3 days)</b>			12, 15, 16
8	If previously trained in EF&M	Crossover to Energy, Forces, & Motion	11	26	10
8	<b>Energy, Waves and Information Technology</b>	<b>*No Change (4 days)</b>			17, 18, 19, 22

**Jackson High School**  
321 Stanley Drive  
Jackson, AL

**Phillips Preparatory**  
3255 Old Shell Road  
Mobile, AL



**TEAMS  
Approved!**

**Fairhope Middle School**  
2 Pirate Drive  
Fairhope, AL 36532

Register at <https://www.amstiusa.org/training>  
The SDE requires a minimum of 5 participants per session. You will receive a confirmation email once the session has reached the minimum number of participants.

**AMSTI USA Office**  
93 Sidney Phillips Drive  
Mobile, AL