

Alabama Course of Study for Science and English Language Arts that are addressed during each stage of Argument-Driven Inquiry

7th Grade Life Science

Stage of ADI	Science and Engineering Practices*	Literacy in Science and Technical Subjects	
		Reading	Writing
1. Identification of the Task and the Guiding Question	SEP.1	RL.6-8.1 RL.6-8.2 RL.6-8.3 RL.6-8.4	RL.6-8-5 RL.6-8-6 RL.6-8-10
2. Design a Method and Collect Data	SEP.2 SEP.3 SEP.8		WL.6-8-2a WL.6-8-2b WL.6-8-7
3. Analyze Data and Develop an Initial Argument	SEP.2 SEP.4 SEP.5 SEP.6 SEP.7	RL.6-8-7	WL.6-8-7 WL.6-8-8 WL.6-8-9
4. Argumentation Session	SEP.1 SEP.4 SEP.5 SEP.7 SEP.8		
5. Explicit and Reflective Discussion	SEP.1 SEP.8		
6. Write an Investigation Report	SEP.2 SEP.4 SEP.5 SEP.6 SEP.7 SEP.8		WL.6-8-1a WL.6-8-1b WL.6-8-1c WL.6-8-1d WL.6-8-1e WL.6-8-2a WL.6-8-2b WL.6-8-2c
7. Double Blind Group Peer Review	SEP.8	RL.6-8.1 RL.6-8.2 RL.6-8.3 RL.6-8.4	RL.6-8-5 RL.6-8-6 RL.6-8-8 RL.6-8-8 RL.6-8-10
8. Revise and Submit the Report	SEP.2 SEP.4 SEP.5 SEP.6 SEP.7 SEP.8		WL.6-8-4 WL.6-8-5 WL.6-8-6

* Performance Standards 1- 18 for Life Science are address by specific labs. See *Alabama Course of Study Performance Expectations for Life Science and ADI in Life Science Alignment Table* for more information.



Alabama Course of Study for Science and English Language Arts that are addressed during each stage of Argument-Driven Inquiry

8th Grade Physical Science

Stage of ADI	Science and Engineering Practices*	Literacy in Science and Technical Subjects		
		Reading	Writing	
1. Identification of the Task and the Guiding Question	SEP.1	RL.6-8.1 RL.6-8.2 RL.6-8.3 RL.6-8.4	RL.6-8-5 RL.6-8-6 RL.6-8-10	
2. Design a Method and Collect Data	SEP.2 SEP.3 SEP.8		WL.6-8-2a WL.6-8-2b WL.6-8-7	
3. Analyze Data and Develop an Initial Argument	SEP.2 SEP.4 SEP.5 SEP.6 SEP.7	RL.6-8-7	WL.6-8-7 WL.6-8-8 WL.6-8-9	
4. Argumentation Session	SEP.1 SEP.4 SEP.5 SEP.7 SEP.8			
5. Explicit and Reflective Discussion	SEP.1 SEP.8			
6. Write an Investigation Report	SEP.2 SEP.4 SEP.5 SEP.6 SEP.7 SEP.8		WL.6-8-1a WL.6-8-1b WL.6-8-1c WL.6-8-1d WL.6-8-1e WL.6-8-2a WL.6-8-2b WL.6-8-2c	WL.6-8-2d WL.6-8-2e WL.6-8-4 WL.6-8-7 WL.6-8-8 WL.6-8-9 WL.6-8-10
7. Double Blind Group Peer Review	SEP.8	RL.6-8.1 RL.6-8.2 RL.6-8.3 RL.6-8.4	RL.6-8-5 RL.6-8-6 RL.6-8-8 RL.6-8-8 RL.6-8-10	
8. Revise and Submit the Report	SEP.2 SEP.4 SEP.5 SEP.6 SEP.7 SEP.8		WL.6-8-4 WL.6-8-5 WL.6-8-6	

* Performance Standards 1-19 for Life Science are address by specific labs. See *Alabama Course of Study Performance Expectations for Physical Science and ADI in Physical Science Alignment Table* for more information.



Alabama Course of Study for Science and English Language Arts that are addressed during each stage of Argument-Driven Inquiry

High School Biology

Stage of ADI	Science and Engineering Practices*	Literacy in Science and Technical Subjects		
		Reading	Writing	
1. Identification of the Task and the Guiding Question	SEP.1	RL.9-10.1 RL.9-10.2 RL.9-10.3 RL.9-10.4	RL.9-10-5 RL.9-10-6 RL.9-10-10	
2. Design a Method and Collect Data	SEP.2 SEP.3 SEP.8		WL.9-10-2a WL.9-10-2b WL.9-10-7	
3. Analyze Data and Develop an Initial Argument	SEP.2 SEP.4 SEP.5 SEP.6 SEP.7	RL.9-10-7	WL.9-10-7 WL.9-10-8 WL.9-10-9	
4. Argumentation Session	SEP.1 SEP.4 SEP.5 SEP.7 SEP.8			
5. Explicit and Reflective Discussion	SEP.1 SEP.8			
6. Write an Investigation Report	SEP.2 SEP.4 SEP.5 SEP.6 SEP.7 SEP.8		WL.9-10-1a WL.9-10-1b WL.9-10-1c WL.9-10-1d WL.9-10-1e WL.9-10-2a WL.9-10-2b WL.9-10-2c	WL.9-10-2d WL.9-10-2e WL.9-10-4 WL.9-10-7 WL.9-10-8 WL.9-10-9 WL.9-10-10
7. Double Blind Group Peer Review	SEP.8	RL.9-10.1 RL.9-10.2 RL.9-10.3 RL.9-10.4	RL.9-10-5 RL.9-10-6 RL.9-10-8 RL.9-10-9 RL.9-10-10	
8. Revise and Submit the Report	SEP.2 SEP.4 SEP.5 SEP.6 SEP.7 SEP.8		WL.9-10-4 WL.9-10-5 WL.9-10-6	

* Performance Standards 1- 16 for Biology are address by specific labs. See *Alabama Course of Study Performance Expectations for Biology and ADI in Biology Alignment Table* for more information.



**Alabama Course of Study for Science and English Language Arts that are addressed
during each stage of Argument-Driven Inquiry**

High School Chemistry

Stage of ADI	Science and Engineering Practices*	Literacy in Science and Technical Subjects		
		Reading	Writing	
1. Identification of the Task and the Guiding Question	SEP.1	RL.11-12.1 RL.11-12.2 RL.11-12.3 RL.11-12.4	RL.11-12-5 RL.11-12-6 RL.11-12-10	
2. Design a Method and Collect Data	SEP.2 SEP.3 SEP.8		WL.11-12-2a WL.11-12-2b WL.11-12-7	
3. Analyze Data and Develop an Initial Argument	SEP.2 SEP.4 SEP.5 SEP.6 SEP.7	RL.11-12-7	WL.11-12-7 WL.11-12-8 WL.11-12-9	
4. Argumentation Session	SEP.1 SEP.4 SEP.5 SEP.7 SEP.8			
5. Explicit and Reflective Discussion	SEP.1 SEP.8			
6. Write an Investigation Report	SEP.2 SEP.4 SEP.5 SEP.6 SEP.7 SEP.8		WL.11-12-1a WL.11-12-1b WL.11-12-1c WL.11-12-1d WL.11-12-1e WL.11-12-2a WL.11-12-2b WL.11-12-2c	WL.11-12-2d WL.11-12-2e WL.11-12-4 WL.11-12-7 WL.11-12-8 WL.11-12-9 WL.11-12-10
7. Double Blind Group Peer Review	SEP.8	RL.11-12.1 RL.11-12.2 RL.11-12.3 RL.11-12.4	RL.11-12-5 RL.11-12-6 RL.11-12-8 RL.11-12-9 RL.11-12-10	
8. Revise and Submit the Report	SEP.2 SEP.4 SEP.5 SEP.6 SEP.7 SEP.8		WL.11-12-4 WL.11-12-5 WL.11-12-6	

* Performance Standards 1- 11b for Chemistry are address by specific labs. See *Alabama Course of Study Performance Expectations for Chemistry and ADI in Chemistry Alignment Table* for more information.

