

**Arizona Science Standards and College and Career Ready Standards for English Language Arts
that are addressed during each stage of Argument-Driven Inquiry**

Grade 6

Stage of ADI	Science*	College and Career Ready Standards for English-Language Arts		
		Reading	Writing	Speaking and Listening
1. Identification of the Task and the Guiding Question	S1C1PO1 S1C1PO2	RST.6-8.1 RST.6-8.2 RST.6-8.4 RST.6-8.5		
2. Design a Method and Collect Data	S1C1PO3 S1C2PO1 S1C2PO2 S1C2PO3 S1C2PO4 S1C2PO5		WHST.6-8.7 WHST.6-8.9	
3. Analyze Data and Develop an Initial Argument	S1C3PO1 S1C3PO2 S1C4PO1 S1C4PO2	RST.6-8.7	WHST.6-8.7 WHST.6-8.9	SL.6-8.4 SL.6-8.5
4. Argumentation Session	S1C3PO3 S1C3PO4 S1C3PO5 S1C4PO3 S1C4PO4 S1C4PO5			SL.6-8.1a SL.6-8.3 SL.6-8.1b SL.6-8.4 SL.6-8.1c SL.6-8.5 SL.6-8.1d SL.6-8.6 SL.6-8.2
5. Explicit and Reflective Discussion				SL.6-8.1a SL.6-8.1c SL.6-8.1d SL.6-8.2
6. Write an Investigation Report	S1C4PO1 S1C4PO2 S1C4PO3 S1C4PO4 S1C4PO5		WHST.6-8.1a WHST.6-8.2c WHST.6-8.1b WHST.6-8.2d WHST.6-8.1c WHST.6-8.2e WHST.6-8.1d WHST.6-8.4 WHST.6-8.1e WHST.6-8.9 WHST.6-8.2a WHST.6-8.10 WHST.6-8.2b	
7. Double Blind Group Peer Review	S1C3PO3 S1C3PO4 S1C3PO5	RST.6-8.1 RST.6-8.2 RST.6-8.4 RST.6-8.5 RST.6-8.7 RST.6-8.8 RST.6-8.9		
8. Revise and Submit the Report			WHST.6-8.5 WHST.6-8.6 WHST.6-8.10	

* S2C1PO1-4, S2C2PO1-3, S3C1PO1-2, S3C2PO1-4, S4C1PO1-7, S4C3PO1-2, S5C3PO1-4, S6C1PO1-5, and S6C2PO1-6 are addressed during specific ADI lab investigations

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Grade 7

Stage of ADI	Science*	College and Career Ready Standards for English-Language Arts		
		Reading	Writing	Speaking and Listening
1. Identification of the Task and the Guiding Question	S1C1PO1 S1C1PO2	RST.6-8.1 RST.6-8.2 RST.6-8.4 RST.6-8.5		
2. Design a Method and Collect Data	S1C1PO3 S1C2PO1 S1C2PO2 S1C2PO3 S1C2PO4 S1C2PO5		WHST.6-8.7 WHST.6-8.9	
3. Analyze Data and Develop an Initial Argument	S1C3PO1 S1C3PO2 S1C4PO1 S1C4PO2	RST.6-8.7	WHST.6-8.7 WHST.6-8.9	SL.6-8.4 SL.6-8.5
4. Argumentation Session	S1C3PO3 S1C3PO4 S1C3PO5 S1C4PO3 S1C4PO4 S1C4PO5			SL.6-8.1a SL.6-8.3 SL.6-8.1b SL.6-8.4 SL.6-8.1c SL.6-8.5 SL.6-8.1d SL.6-8.6 SL.6-8.2
5. Explicit and Reflective Discussion				SL.6-8.1a SL.6-8.1c SL.6-8.1d SL.6-8.2
6. Write an Investigation Report	S1C4PO1 S1C4PO2 S1C4PO3 S1C4PO4 S1C4PO5		WHST.6-8.1a WHST.6-8.2c WHST.6-8.1b WHST.6-8.2d WHST.6-8.1c WHST.6-8.2e WHST.6-8.1d WHST.6-8.4 WHST.6-8.1e WHST.6-8.9 WHST.6-8.2a WHST.6-8.10 WHST.6-8.2b	
7. Double Blind Group Peer Review	S1C3PO3 S1C3PO4 S1C3PO5	RST.6-8.1 RST.6-8.2 RST.6-8.4 RST.6-8.5 RST.6-8.7 RST.6-8.8 RST.6-8.9		
8. Revise and Submit the Report			WHST.6-8.5 WHST.6-8.6 WHST.6-8.10	

* S2C1PO1-4, S2C2PO1-3, S3C1PO1-2, S3C2PO1-4, S4C3PO1-6, S6C1PO1-5, S6C2PO1-6, and S6C3PO1-6 are addressed during specific ADI lab investigations



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Grade 8

Stage of ADI	Science*	College and Career Ready Standards for English-Language Arts		
		Reading	Writing	Speaking and Listening
1. Identification of the Task and the Guiding Question	S1C1PO1 S1C1PO2	RST.6-8.1 RST.6-8.2 RST.6-8.4 RST.6-8.5		
2. Design a Method and Collect Data	S1C1PO3 S1C2PO1 S1C2PO2 S1C2PO3 S1C2PO4 S1C2PO5		WHST.6-8.7 WHST.6-8.9	
3. Analyze Data and Develop an Initial Argument	S1C3PO1 S1C3PO2 S1C3PO3 S1C3PO5 S1C4PO1 S1C4PO2 S1C4PO3	RST.6-8.7	WHST.6-8.7 WHST.6-8.9	SL.6-8.4 SL.6-8.5
4. Argumentation Session	S1C3PO3 S1C3PO4 S1C3PO5 S1C3PO6 S1C4PO1 S1C4PO3 S1C4PO5			SL.6-8.1a SL.6-8.3 SL.6-8.1b SL.6-8.4 SL.6-8.1c SL.6-8.5 SL.6-8.1d SL.6-8.6 SL.6-8.2
5. Explicit and Reflective Discussion				SL.6-8.1a SL.6-8.1c SL.6-8.1d SL.6-8.2
6. Write an Investigation Report	S1C3PO3 S1C3PO5 S1C4PO1 S1C4PO2 S1C4PO3 S1C4PO4 S1C4PO5		WHST.6-8.1a WHST.6-8.2c WHST.6-8.1b WHST.6-8.2d WHST.6-8.1c WHST.6-8.2e WHST.6-8.1d WHST.6-8.4 WHST.6-8.1e WHST.6-8.9 WHST.6-8.2a WHST.6-8.10 WHST.6-8.2b	
7. Double Blind Group Peer Review	S1C3PO6 S1C3PO7	RST.6-8.1 RST.6-8.2 RST.6-8.4 RST.6-8.5 RST.6-8.7 RST.6-8.8 RST.6-8.9		
8. Revise and Submit the Report			WHST.6-8.5 WHST.6-8.6 WHST.6-8.10	

* S2C1PO1-4, S2C2PO2-4, S3C1PO1-2, S3C2PO1-3, S4C2PO1-6, S4C4PO1-6, S5C1PO1-7, and S5C2PO1-5 are addressed during specific ADI lab investigations

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High School Earth Space Science

Stage of ADI	Earth Space Science*	College and Career Ready Standards for English-Language Arts		
		Reading	Writing	Speaking and Listening
1. Identification of the Task and the Guiding Question	S1C1PO1	RST.9-10.1 RST.9-10.2 RST.9-10.4 RST.9-10.5		
2. Design a Method and Collect Data	S1C1PO2 S1C1PO3 S1C1PO4 S1C2PO1 S1C2PO2 S1C2PO3 S1C2PO4 S1C2PO5		WHST.9-10.7 WHST.9-10.9	
3. Analyze Data and Develop an Initial Argument	S1C3PO1 S1C3PO2 S1C3PO6 S1C4PO1 S1C4PO2 S1C4PO3 S1C4PO4	RST.9-10.7	WHST.9-10.7 WHST.9-10.9	SL.9-10.4 SL.9-10.5
4. Argumentation Session	S1C3PO2 S1C3PO3 S1C3PO4 S1C4PO3 S1C4PO4			SL.9-10.1a SL.9-10.3 SL.9-10.1b SL.9-10.4 SL.9-10.1c SL.9-10.5 SL.9-10.1d SL.9-10.6 SL.9-10.2
5. Explicit and Reflective Discussion				SL.9-10.1a SL.9-10.1c SL.9-10.1d SL.9-10.2
6. Write an Investigation Report	S1C4PO1 S1C4PO2 S1C4PO3 S1C4PO4		WHST.9-10.1a WHST.9-10.2c WHST.9-10.1b WHST.9-10.2d WHST.9-10.1c WHST.9-10.2e WHST.9-10.1d WHST.9-10.4 WHST.9-10.1e WHST.9-10.9 WHST.9-10.2a WHST.9-10.10 WHST.9-10.2b	
7. Double Blind Group Peer Review	S1C3PO2 S1C3PO3 S1C3PO4	RST.9-10.1 RST.9-10.2 RST.9-10.4 RST.9-10.5 RST.9-10.6 RST.9-10.8 RST.9-10.9		
8. Revise and Submit the Report			WHST.9-10.5 WHST.9-10.6 WHST.9-10.10	

* Standards S1C3PO5, S2C1PO1-4, S2C2PO1-4, S3C1PO1-5, S3C2PO1-5, S3C3PO1-3, S6C1PO1-7, S6C2PO1-17, S6C3PO1-9, and S6C4PO1-6 are addressed during specific ADI lab investigations

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High School Biology

Stage of ADI	Biology*	College and Career Ready Standards for English-Language Arts		
		Reading	Writing	Speaking and Listening
1. Identification of the Task and the Guiding Question	S1C1PO1	RST.9-10.1 RST.9-10.2 RST.9-10.4 RST.9-10.5		
2. Design a Method and Collect Data	S1C1PO2 S1C1PO3 S1C1PO4 S1C2PO1 S1C2PO2 S1C2PO3 S1C2PO4 S1C2PO5		WHST.9-10.7 WHST.9-10.9	
3. Analyze Data and Develop an Initial Argument	S1C3PO1 S1C3PO2 S1C3PO6 S1C4PO1 S1C4PO2 S1C4PO3 S1C4PO4	RST.9-10.7	WHST.9-10.7 WHST.9-10.9	SL.9-10.4 SL.9-10.5
4. Argumentation Session	S1C3PO2 S1C3PO3 S1C3PO4 S1C4PO3 S1C4PO4			SL.9-10.1a SL.9-10.3 SL.9-10.1b SL.9-10.4 SL.9-10.1c SL.9-10.5 SL.9-10.1d SL.9-10.6 SL.9-10.2
5. Explicit and Reflective Discussion				SL.9-10.1a SL.9-10.1c SL.9-10.1d SL.9-10.2
6. Write an Investigation Report	S1C4PO1 S1C4PO2 S1C4PO3 S1C4PO4		WHST.9-10.1a WHST.9-10.2c WHST.9-10.1b WHST.9-10.2d WHST.9-10.1c WHST.9-10.2e WHST.9-10.1d WHST.9-10.4 WHST.9-10.1e WHST.9-10.9 WHST.9-10.2a WHST.9-10.10 WHST.9-10.2b	
7. Double Blind Group Peer Review	S1C3PO2 S1C3PO3 S1C3PO4	RST.9-10.1 RST.9-10.2 RST.9-10.4 RST.9-10.5 RST.9-10.6 RST.9-10.8 RST.9-10.9		
8. Revise and Submit the Report			WHST.9-10.5 WHST.9-10.6 WHST.9-10.10	

* Standards S1C3PO5, S2C1PO1-4, S2C2PO1-4, S3C1PO1-5, S3C2PO1-5, S3C3PO1-3, S4C1PO1-5, S4C2PO1-4, S4C3PO1-3, S4C4PO1-6, and S4C5PO1-5 are addressed during specific ADI lab investigations

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High School Chemistry

Stage of ADI	Chemistry*	College and Career Ready Standards for English-Language Arts		
		Reading	Writing	Speaking and Listening
1. Identification of the Task and the Guiding Question	S1C1PO1	RST.11-12.1 RST.11-12.2 RST.11-12.4		
2. Design a Method and Collect Data	S1C1PO2 S1C1PO3 S1C1PO4 S1C2PO1 S1C2PO2 S1C2PO3 S1C2PO4 S1C2PO5		WHST.11-12.7 WHST.11-12.8	
3. Analyze Data and Develop an Initial Argument	S1C3PO1 S1C3PO2 S1C3PO6 S1C4PO1 S1C4PO2 S1C4PO3 S1C4PO4		WHST.11-12.7 WHST.11-12.8	SL.11-12.4 SL.11-12.5
4. Argumentation Session	S1C3PO2 S1C3PO3 S1C3PO4 S1C4PO3 S1C4PO4			SL.11-12.1a SL.11-12.2 SL.11-12.1b SL.11-12.3 SL.11-12.1c SL.11-12.4 SL.11-12.1d SL.11-12.5 SL.11-12.6
5. Explicit and Reflective Discussion				SL.11-12.1a SL.11-12.1c SL.11-12.1d
6. Write an Investigation Report	S1C4PO1 S1C4PO2 S1C4PO3 S1C4PO4		WHST.11-12.1a WHST.11-12.2c WHST.11-12.1b WHST.11-12.2d WHST.11-12.1c WHST.11-12.2e WHST.11-12.1d WHST.11-12.4 WHST.11-12.1e WHST.11-12.9 WHST.11-12.2a WHST.11-12.10 WHST.11-12.2b	
7. Double Blind Group Peer Review	S1C3PO2 S1C3PO3 S1C3PO4	RST.11-12.1 RST.11-12.2 RST.11-12.4 RST.11-12.6 RST.11-12.8 RST.11-12.9		
8. Revise and Submit the Report			WHST.11-12.5 WHST.11-12.6 WHST.11-12.10	

* Standards S1C3PO5, S2C1PO1-4, S2C2PO1-4, S3C1PO1-5, S3C2PO1-5, S3C3PO1-3, S5C1PO1-8, S5C3PO1-7, S5C4PO1-13, and S5C5PO4-7 are addressed during specific ADI lab investigations