

LaB-aids®

Proven Science Programs

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THE LAWRENCE
HALL OF SCIENCE
UNIVERSITY OF CALIFORNIA, BERKELEY

ISSUES AND SCIENCE ASSESSMENT BLUEPRINTS

Assessment tasks and Performance Expectations are distributed throughout *Issues and Science* at opportune points. The Assessment Blueprints for a unit can be found in the back section of that unit's Teacher Edition. These show the flow of assessments throughout each unit, and identify where Performance Expectations are assessed. Here you will find copies of the Assessment Blueprints for all units.

Biomedical Engineering	page 397
Body Systems	page 398
Chemical Reactions	page 399
Chemistry of Materials	page 400
Earth's Resources	page 401
Ecology	page 402
Energy	page 403
Evolution	page 404
Fields and Interactions	page 405
Force and Motion	page 406
From Cells to Organisms	page 407
Geological Processes	page 408
Land, Water, and Human Interactions	page 409
Reproduction	page 410
Solar System and Beyond	page 411
Waves	page 412
Weather and Climate	page 413

BIOMEDICAL ENGINEERING

Activity	AID	COM	EXP	MOD	ARG	ENG	E&T	ODA	PCI
1									
2		A5							
3		A5 (MS- ETS1-1)	A2						
4						Proc.			
5						Proc. (MS- ETS1-3)	A5		
6							A4		
7					Proc. QUICK CHECK (MS- ETS1-2), A4				
8				A2					
9						Proc. (MS- ETS1-4)			

Shaded boxes indicate Performance Expectation (PE) assessments and note the PE that is assessed.

BODY SYSTEMS

Activity	AID	COM	EXP	MOD	ARG	ENG	E&T	ODA	PCI
1							A3		
2									
3									
4			QC: A2; A4	A2					
5				A3					
6									
7	A1		A5						
8			A4 (MS-LS1-8)						
9	A3								
10									
11			A3						
12					A4 (MS-LS1-3)				
13	A2						A4		
14					A1				

Shaded boxes indicate Performance Expectation (PE) assessments and note the PE that is assessed.

CHEMICAL REACTIONS

Activity	AID	COM	EXP	MOD	ARG	ENG	E&T	ODA	PCI
1									
2	A3								
3	A4								
4				A1					
5	A3 (MS- PS1-2)								
6									
7				A1 (MS- PS1-5)					
8									
9	A1								
10									
11						A3 (MS- PS1-6)			
12							A3		
13							A2		

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CHEMISTRY OF MATERIALS

Activity	AID	COM	EXP	MOD	ARG	ENG	E&T	ODA	PCI
1							A2		
2									
3									
4									
5									
6				QC A6					
7				QC A4, A5					
8				QC Proc.					
9				QC A3					
10				A3 (MS- PS1-4)					
11								Proc.	
12				A3 (MS- PS1-1)					
13							A2 (MS- PS1-3)		

Shaded boxes indicate Performance Expectation (PE) assessments and note the PE that is assessed.

EARTH'S RESOURCES

Activity	AID	COM	EXP	MOD	ARG	ENG	E&T	ODA	PCI
1									
2					A3				
3	A1						QC A4		Proc.
4					A4				
5									
6				A1			A3		
7			A5 (MS- ESS3-1)						
8									
9			QC A4	A2					
10									
11			QC A4						
12			A5 (MS- ESS1-4)						
13					A3 (MS- ESS3-4)		A2		
14			A3 (MS- ESS3-1)				A1		

Shaded boxes indicate Performance Expectation (PE) assessments and note the PE that is assessed.

ECOLOGY

Activity	AID	COM	EXP	MOD	ARG	ENG	E&T	ODA	PCI
1					QC A6		A7		
2		Introduced Species Research Presentation (introduced here, assessed in Act 16)	Introduced Species Research Report (introduced here, assessed before Act. 16)						
3	QC A3								
4								QC Proc.	Proc.
5					A2				Proc.
6	A3				A1				
7			A1						
8			A2	QC A3					
9	A3 (MS-LS2-1)								
10			Proc. (MS-LS2-2)						
11				QC A1					
12				Proc. (MS-LS2-3)					
13			A3						
14					A1, A2 (MS-LS2-4)				
15					A1a (MS-LS2-5)	QC SS 15.2	A1b		
16		Introduced Species Research Presentation							

Shaded boxes indicate Performance Expectation (PE) assessments and note the PE that is assessed.

ENERGY

Activity	AID	COM	EXP	MOD	ARG	ENG	E&T	ODA	PCI
1							QC A5		
2									Proc.
3			A1						
4	A3								
5					QC A3				
6					A3 (MS- PS3-5)				
7			A2						
8									Proc. (MS- PS3-4)
9		QC A2							
10						Proc. A4			
11	A1								
12			A3						
13						Proc. (MS- PS3-3 and MS- ETS1-4)			
14							A4		
15		A2					A2		

Shaded boxes indicate Performance Expectation (PE) assessments and note the PE that is assessed.

EVOLUTION

Activity	AID	COM	EXP	MOD	ARG	ENG	E&T	ODA	PCI
1								QC Proc.	
2	A1							Proc.	
3			A3						
4			A5 (MS-LS4-4)	QC A4					
5				A3 (MS-LS3-1)					
6			A2 (MS-LS4-6)						
7			A1						
8		QC A4							
9	A2								
10					Proc. 10 & 11				
11	A1 (MS-LS4-1)								
12			A4 (MS-LS4-2)						
13	A3 (MS-LS4-3)								
14							QC A4		
15			A2						
16		A2 (MS-LS4-5)					A3		
17		Proc.							

Shaded boxes indicate Performance Expectation (PE) assessments and note the PE that is assessed.

FIELDS AND INTERACTIONS

Activity	AID	COM	EXP	MOD	ARG	ENG	E&T	ODA	PCI
1									
2							A5		
3	Proc.			A4					
4			Proc.		A4				
5		A2							
6		A4 (MS-ETS1-1)		A1		Proc.			
7					A4 (MS-PS2-4)				
8		QC A1							
9	A4	A2							Proc.
10			A5						
11				A4 (MS-PS3-2)		Proc.			
12		A3 (MS-PS2-5)							
13	QC Proc.	A3 (MS-PS2-3)				Proc. (MS-ETS1-4)			
14							A4		
15					Proc. A1 (MS-ETS1-2)	Proc. (MS-ETS1-3)	A3		

Shaded boxes indicate Performance Expectation (PE) assessments and note the PE that is assessed.

FORCE AND MOTION

Activity	AID	COM	EXP	MOD	ARG	ENG	E&T	ODA	PCI
1							A3		
2	QC A2								
3	A2							QC Proc.	
4	A1								Proc.
5	A2 (MS-PS3-1)								
6					QC A1				
7			A2						
8			A5						
9		QC A4							
10				A2					
11				Proc.					
12			A3 (MS-PS2-1)				A4		
13					QC A4 QC A5				Proc. (MS-PS2-2)
14	A5								
15		A3 (MS-ETS1-1)					A1		

Shaded boxes indicate Performance Expectation (PE) assessments and note the PE that is assessed.

FROM CELLS TO ORGANISMS

Activity	AID	COM	EXP	MOD	ARG	ENG	E&T	ODA	PCI
1	A1						QC: A2b		
2							A3		
3									QC: Proc.
4			A1						
5	A5							Proc.	
6				A3					
7	A3							Proc.	
8				Proc. (MS- LS1-2)					
9			A3 (MS- LS1-1)						QC: Proc.
10			A4						
11			A5	A4 (MS- LS1-7)					
12			A4						
13			A7 (MS- LS1-6)						Proc.
14									
15							A3		

Shaded boxes indicate Performance Expectation (PE) assessments and note the PE that is assessed.

GEOLOGICAL PROCESSES

Activity	AID	COM	EXP	MOD	ARG	ENG	E&T	ODA	PCI
1							A1		
2								Proc.	
3			QC A2						
4					QC A1				
5								Proc.	
6	A1								
7	A2, A3								
8				A4					
9									Proc.
10	A3								
11					A3				
12					A3				
13			A3 (MS- ESS2-2)						
14	A4 (MS- ESS2-3)								
15				A1 (MS- ESS2-1)					
16			A4 (MS- ESS3-1)						
17			A4 (MS- ESS3-1)						
18	Proc.						A3 (MS- ESS3-2)		

Shaded boxes indicate Performance Expectation (PE) assessments and note the PE that is assessed.

LAND, WATER, AND HUMAN INTERACTIONS

Activity	AID	COM	EXP	MOD	ARG	ENG	E&T	ODA	PCI
1									
2								Proc.	
3	Proc.								
4	A1				QC A2				
5							QC A5	Proc.	
6				A4					
7						QC Proc.			
8		A5		A2					
9				A3 (MS-ESS2-4)	A6				
10				QC A5					
11									
12		A7 (MS-ETS1-1)				QC Proc. Part B			
13			A6	A2					
14			QC Intro, A5 (MS-ESS2-2)				A4		
15		Proc.					A1		
16		Proc. (MS-ESS3-3)			Proc. and SS 16.2 (MS-ETS1-2)	QC Proc.			

Shaded boxes indicate Performance Expectation (PE) assessments and note the PE that is assessed.

REPRODUCTION

Activity	AID	COM	EXP	MOD	ARG	ENG	E&T	ODA	PCI
1							QC: A7		
2				QC: A2					
3			QC: A1	A3					
4			A8		QC: A6			Proc.	
5				A5					
6			A5						
7	A1		A2 (MS- LS1-5)					Proc.	Proc.
8				A1, A3					
9			A8	A7 (MS- LS3-2)					
10					A1 (MS- LS1-4)				
11					A1 (MS- LS1-4)				
12									
13				A4 (MS- LS3-1)					
14		Proc.					A2		

Shaded boxes indicate Performance Expectation (PE) assessments and note the PE that is assessed.

SOLAR SYSTEM AND BEYOND

Activity	AID	COM	EXP	MOD	ARG	ENG	E&T	ODA	PCI
1							A2		
2									
3			A5	Proc.					
4				A4					
5				A3 (MS-ESS1-1)					
6									
7			A3, A6						
8			A4						
9				A1 (MS-ESS1-1)					
10							QC A6		
11									
12	A4	Proc.							
13	A2 (MS-ESS1-3)								
14	A4								
15				A3					
16				A3 (MS-ESS1-2)					
17		Proc.					A3		

Shaded boxes indicate Performance Expectation (PE) assessments and note the PE that is assessed.

WAVES

Activity	AID	COM	EXP	MOD	ARG	ENG	E&T	ODA	PCI
1									
2				A4					
3	A5								
4								Proc.	
5		A3							
6		A2 (MS- PS4-3)							
7	A9 (MS- PS4-1)	A8		A7					
8									Proc.
9	A2								Proc.
10							A6b		
11	A2								
12		A5							
13		A5		A2 (MS- PS4-2)					
14									Proc.
15							A5		

Shaded boxes indicate Performance Expectation (PE) assessments and note the PE that is assessed.

WEATHER AND CLIMATE

Activity	AID	COM	EXP	MOD	ARG	ENG	E&T	ODA	PCI
1									
2								Proc.	
3								A2	
4					A5				
5									
6									Proc.
7			A4						
8			A6						
9			A5						
10				A5					
11								A2	
12						Proc. (MS-ETS1-3 and MS-ETS1-4)			Proc.
13					Proc. (MS-ESS-2-5)				
14				A4 (MS-ESS2-6)					
15									
16					A2 (MS-ESS3-5)		A5		
17							A3		

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