



## DC Science Assessment Field Test Blueprints – Spring 2015

*An Assessment of the Next Generation Science Standards (NGSS)*

Revised and Updated March 31, 2015

The Office of the State Superintendent of Education (OSSE) is pleased to introduce the nation’s first statewide assessment of the [Next Generation Science Standards](#) (NGSS). In 2013, the District of Columbia adopted the NGSS as its state learning standards and the NGSS are based on the National Research Council’s [Framework for K–12 Science Education](#). The NGSS integrate content and application and reflect how science and engineering are practiced in the real world. To adequately assess the new standards, the new DC Science Assessment uses interrelated questions set in real-world contexts or scenarios to engage students and assess three-dimensional science learning.

The following blueprints specify the NGSS Performance Expectations that will be assessed on the Spring 2015 field test.

### Grade 5 Science Assessment Blueprint – Spring 2015

	Life Science (LS)	Earth Science (ESS)	Physical Science (PS)	Engineering Design (ETS)
Percentage of Test Items by Domain	27%	29%	29%	15%
Item Types	SR, CR, TEI	SR, CR, TEI	SR, CR, TEI	SR, CR, TEI
<b>NGSS Disciplinary Core Ideas, Practices, Performance Expectations</b>	3LS2.C	3ESS2.D	4PS3.A	3-5ETS1.A
	3LS3.A	4ESS1.C	4PS3.B	3-5ETS1.B
	3LS3.B	4ESS2.A	5PS1.A	3-5ETS1.C
	3LS4.A	5ESS1.A	5PS2.B	3-5ETS1-1
	5LS2.A	5ESS2.A	5PS3.D	
	5LS2.B	5ESS2.C	4PS3-2	
	5LS2-1	4ESS1-1	5PS1-3	
		4ESS2-1	5PS3-1	
		5ESS2-1		
		5ESS2-2		

**Item Types:**

SR = Select Response

CR = Constructed Response

TEI = Technology Enhanced Items

**NGSS Web Site:** <http://www.nextgenscience.org/next-generation-science-standards>

**OSSE Web Site:** <http://osse.dc.gov/service/next-generation-science-standards-ngss>





**Grade 8 Science Assessment Blueprint – Spring 2015**

	Life Science (LS)	Earth Science (ESS)	Physical Science (PS)	Engineering Design (ETS)
Percentage of Test Items by Domain	15%	18%	52%	15%
Item Types	SR, CR, TEI	SR, CR, TEI	SR, CR, TEI	SR, CR, TEI
NGSS Disciplinary Core Ideas, Practices, Performance Expectations	MSLS1.A	MSESS1.C	MSPS1.A	MSETS1.A
	MSLS1.C	MSESS2.C	MSPS1.B	MSETS1-1
	MSLS1-1	MSESS2-3	MSPS2.A	
	MSLS1-5	MSESS3-3	MSPS2.B	
	MSLS1-6	MSESS3-4	MSPS3.A	
	MSLS2-3		MSPS3.B	
	MSLS3-2		MSPS4.A	
	MSLS4-1		MSPS4.B	
			MSPS1-2	
		MSPS1-4		

**HS Biology Assessment Blueprint – Spring 2015**

	Life Science (LS)	Earth Science (ESS)	Physical Science (PS)	Engineering Design (ETS)
Percentage of Test Items by Domain	85%	0%	0%	15%
Item Types	SR, CR, TEI	SR, CR, TEI	SR, CR, TEI	SR, CR, TEI
NGSS Disciplinary Core Ideas, Practices, Performance Expectations	HLSL1.A			HS-ETS1-1
	HLSL3.A			HS-ETS1-2
	HLSL3.B			HS-ETS1-3
	HLSL4.A			HS-ETS1-4
	HLSL4.B			
	HLSL4.C			
	HS-LS1-1			
	HS-LS1-2			
	HS-LS1-3			
	HS-LS1-4			
	HS-LS2-1			
	HS-LS2-2			
	HS-LS2-4			
	HS-LS2-7			
	HS-LS3-1			
	HS-LS3-2			
	HS-LS3-3			
	HS-LS4-1			
	HS-LS4-2			
	HS-LS4-4			

