

# STL Middle School Benchmark Breakdown:

## Middle School

Standard	1					2					3					4					5					6					7					8					9					10				
Benchmark	F	G	H	I	M	N	O	P	Q	R	S	T	U	V	D	E	F	D	E	F	G	D	E	F	D	E	F	G	C	D	E	F	E	F	G	F	G	H	F	G	H									
AgBio																																																		
Medical Tech																																																		
Struc Chall															*	*	*												*	*	*	*	*	*	*	*	*	*	*	*	*	*	*							
Flight Chall		*	*			*				*	*			*			*												*					*	*	*	*	*	*	*	*	*	*							
Digital Photo	*	*	*														*	*	*															*	*	*						*	*	*						
Cyberspace	*	*	*															*											*	*	*	*	*								*	*	*							
Dragster	*	*	*	*	*	*	*		*	*		*			*	*	*		*	*													*	*	*	*	*	*	*	*	*	*								
Environmental	*	*	*												*	*	*	*	*	*								*	*	*	*	*	*	*	*	*	*	*	*	*	*	*								
Mech Chall	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*																			*	*	*	*	*	*	*	*	*	*							
Trans Chall						*				*																								*	*	*	*	*			*									

Standard	11				12				13				14				15				16				17				18				19				20																
Benchmark	H	I	J	K	L	H	I	J	K	F	G	H	I	G	H	I	J	F	G	H	I	J	E	F	G	H	I	H	I	J	K	F	G	H	I	F	G	H	I	J	K	F	G	H	I								
AgBio															*	*	*	*																																			
Medical Tech	*	*	*	*	*									*	*	*																																					
Struc Chall	*	*	*	*	*	*	*	*																																								*	*	*	*		
Flight Chall	*	*	*	*	*	*	*	*																													*																
Digital Photo	*	*		*	*																																																
Cyberspace									*	*																																											
Dragster	*	*	*	*	*	*	*	*	*	*	*	*	*	*						*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*						
Environmental	*	*	*	*	*				*	*		*	*																																								
Mech Chall	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*						
Trans Chall	*	*	*	*		*														*	*	*											*	*	*	*	*		*														







## Principles and Standards for School Mathematics Benchmark Breakdown:

	I A	IA3a	IA3b	IA3c	IA3d	IA3e	IA3f	IA3g	IA4a	IA4b	IA4c	IA4d	I B	IB3a	IB3b	IB3c	IB4a	IB4b	IB4c	I C
<b>High School</b>																				
Desktop	X				X															X
Struct Eng																				X
Film	X	X			X				X											X
System Con	X				X															X
Mfg Proto																				
Technology	X				X	X			X											X
Robotics																				X
MedTech	X	X	X	X					X				X				X			X
Sci Vis	X				X															X
AgBio	X	X	X	X					X				X				X			X
<b>Middle School</b>																				
Cyberspace	X		X																	X
Dragster	X	X											X	X	X					X
Digital																				X
<b>Environmental</b>																				X
Flight.	X				X								X	X						X
Mech Chall	X				X								X	X						X
MedTec	X				X								X							X
StructChall	X												X							X
Trans Chall	X				X								X	X						X
AgBio Chall	X				X								X							X



## Principles and Standards for School Mathematics Benchmark Breakdown:

Math Stds.	IIB3c	IIB3d	IIB4a	IIB4b	IIB4c	IIB4d	IIB4e	II C	IIC3a	IIC4a	IIC4b	IIC4c	II D	IID3a	IID4a	III A	IIIA3a	IIIA3b
Instr. Module																		
High School																		
Desktop																		
Struct Eng	X	X	X	X	X			X	X	X		X	X	X	X	X		
Film								X				X				X		
System Con				X	X													
Mfg Proto																		
Technology	X				X			X	X	X	X	X	X	X	X			
Robotics				X	X													
MedTech								X		X		X	X		X			
Sci Vis	X	X	X	X	X			X	X	X		X	X	X	X			
AgBio								X		X		X	X		X			
Middle School																		
Cyberspace																		
Dragster								X	X				X	X		X		
Digital																X		
Environmental								X					X					
Flight.	X	X						X	X				X	X		X	X	
Mech Chall	X	X						X	X									
MedTec								X	X				X	X		X		
StructChall								X					X			X		
Trans Chall																X	X	X
AgBio Chall								X	X				X	X		X		



## Principles and Standards for School Mathematics Benchmark Breakdown:

Math Stds.	IID3a	IID3b	IID3c	IID3d	IID3e	IID4a	IID4b	IID4c	IID4d	IID4e	IV A	IYA3a	IYA3b	IYA3c	IYA4a
<b>Instr. Module</b>															
<b>High School</b>															
Desktop						X	X			X	X				X
Struct Eng						X	X			X	X	X	X		X
Film	X	X			X	X	X			X	X				X
System Con		X				X	X			X	X	X	X		X
Mfg Proto						X	X			X	X				X
Technology						X	X			X	X				X
Robotics						X	X			X	X				X
MedTech						X	X			X	X				X
Sci Vis						X	X			X	X				X
AgBio						X	X			X	X				X
<b>Middle School</b>															
Cyberspace					X						X		X	X	
Dragster	X	X			X						X	X	X	X	
Digital	X	X			X						X		X	X	
<b>Environmental</b>											X				
Flight.	X	X			X						X	X	X	X	
Mech Chall	X	X			X						X	X	X	X	
MedTec											X				
StructChall											X				
Trans Chall	X	X			X						X	X	X	X	
AgBio Chall											X				

## Principles and Standards for School Mathematics Benchmark Breakdown:

Math Stds.	IV B	IVB3a	IVB3b	IVB3c	IVB3d	IVB3e	IVB3f	IVB4a	IVB4b	IVB4c	IVB4d	V A	VA3a	VA3b	VA4a	VA4b
<b>Instr. Module</b>																
<b>High School</b>																
Desktop	X					X		X	X		X					
Struct Eng	X		X			X		X	X		X	X				
Film	X							X	X			X				
System Con	X		X	X		X	X				X	X	X			
Mfg Proto	X							X				X			X	X
Technology	X							X	X			X				
Robotics	X							X	X		X	X				
MedTech	X							X	X		X	X			X	X
Sci Vis	X							X	X		X	X			X	X
AgBio	X							X	X		X	X			X	X
<b>Middle School</b>																
Math Stds.	IV B	IVB3a	IVB3b	IVB3c	IVB3d	IVB3e	IVB3f	IVB4a	IVB4b	IVB4c	IVB4d	V A	VA3a	VA3b	VA4a	VA4b
Cyberspace	X		X									X	X			
Dragster	X		X	X			X					X	X	X		
Digital	X	X				X										
Environmenta	X											X				
Flight.	X	X	X	X		X	X					X	X	X		
Mech Chall	X		X	X		X						X	X	X		
MedTec	X											X				
StructChall	X											X				
Trans Chall	X		X	X		X	X					X				
AgBio Chall	X											X				

## Principles and Standards for School Mathematics Benchmark Breakdown:

Math Stds.	VA4c	VA4d	VA4e	V B	VB3a	VB3b	VB4a	VB4b	VB4c	VB4d	VB4e	V C	VC3a	VC3b	VC3c	VC4a	VC4b
<b>Instr. Module</b>																	
<b>High School</b>																	
<b>Desktop</b>																	
<b>Struct Eng</b>				X								X					
<b>Film</b>				X								X					
<b>System Con</b>	X		X	X	X		X					X					
<b>Mfg Proto</b>	X	X	X	X			X	X				X				X	X
<b>Technology</b>				X								X					
<b>Robotics</b>				X								X					
<b>MedTech</b>	X	X	X	X								X					X
<b>Sci Vis</b>	X	X	X	X				X			X	X				X	X
<b>AgBio</b>	X	X	X	X								X					X
<b>Middle School</b>																	
<b>Cyberspace</b>				X	X							X	X				
<b>Dragster</b>				X	X	X						X	X	X	X		
<b>Digital</b>																	
<b>Environmental</b>				X								X					
<b>Flight.</b>				X	X	X						X	X	X	X		
<b>Mech Chall</b>				X	X	X						X	X	X	X		
<b>MedTec</b>				X								X					
<b>StructChall</b>				X								X					
<b>Trans Chall</b>				X								X					
<b>AgBio Chall</b>				X								X					

## Principles and Standards for School Mathematics Benchmark Breakdown:

Math Stds.	VC4c	VC4d	V D	VD3a	VD3b	VD3c	VD4a	VD4b	VD4c	VD4d	VD4e	VI A	VI B	VI C	VI D	VII A	VII B	VII C
<b>Instr. Module</b>																		
<b>High School</b>																		
<b>Desktop</b>													X	X	X		X	X
<b>Struct Eng</b>													X	X	X		X	X
<b>Film</b>													X	X	X		X	X
<b>System Con</b>			X										X	X	X		X	X
<b>Mfg Proto</b>	X	X											X	X	X		X	X
<b>Technology</b>													X	X	X		X	X
<b>Robotics</b>													X	X	X		X	X
<b>MedTech</b>	X		X							X			X	X	X	X		
<b>Sci Vis</b>	X												X	X	X		X	X
<b>AgBio</b>	X		X							X			X	X	X	X		
<b>Middle School</b>																		
<b>Cyberspace</b>													X	X				
<b>Dragster</b>													X	X	X		X	X
<b>Digital</b>													X	X				
<b>Environmental</b>													X	X				
<b>Flight.</b>													X	X			X	X
<b>Mech Chall</b>													X	X	X		X	
<b>MedTec</b>													X	X			X	
<b>StructChall</b>													X	X	X		X	
<b>Trans Chall</b>													X	X			X	
<b>AgBio Chall</b>													X	X			X	

## Principles and Standards for School Mathematics Benchmark Breakdown:

Math Stds.	VII D	VIII A	VIII B	VIII C	VIIID	IX A	IX B	IX C	X A	X B	X C
Instr. Module											
High School											
Desktop	X	X	X	X				X	X	X	X
Struct Eng	X	X	X	X				X	X	X	X
Film	X	X	X	X				X			X
System Con	X	X	X	X				X	X	X	X
Mfg Proto	X	X	X	X				X	X	X	X
Technology	X	X	X	X				X	X	X	X
Robotics	X	X	X	X				X	X	X	X
MedTech	X	X	X	X				X	X	X	X
Sci Vis	X	X	X	X				X	X	X	X
AgBio	X	X	X	X				X	X	X	X
Middle School											
Cyberspace								X			
Dragster	X	X	X	X				X	X	X	X
Digital		X	X	X				X	X		X
Environmenta	X	X	X	X				X	X	X	X
Flight.	X	X	X	X				X	X	X	X
Mech Chall	X	X	X	X				X	X	X	X
MedTec	X	X	X	X				X	X	X	X
StructChall	X	X	X	X				X	X	X	X
Trans Chall	X	X	X	X				X	X		X
AgBio Chall	X	X	X	X				X	X	X	X