

MONDAY MORNING JULY 16TH: Stemitizing Content						
ALL GROUPS ON CAMPUS IN THE MORNING						
TIME	FOCUS	OUTCOMES	GROUPS	LOCATION	MATERIALS	FACILITATOR(S)
8:30	<b>OPENING</b>	Summarize week and coming attractions	All	Lab Sciences 300 Auditorium	Binders, Tablets, Sign-in sheets	Barbara, Bev
8:45-9:00	<b>passing time</b>					
9:00-9:50	Careers	STEMitize content using career connections and resources	B	Seigle 205	Binders, Tablets	Amy, Deb
9:00-9:50	Technology and Computer Science Part 2	Discover ideas/resources for technology and computer science	F	Seigle 206	Binders, Tablets	Jaime, Orlando
9:00-9:50	Mindfulness, Meditation and Energy Work	See Session Descriptions	Groups A, C, D, E Choose Your Session	Seigle 111	Binders, Tablets	Billie
	Design for Change-Design Thinking Makerspace			Seigle 204		Sherita
	Google Forms			Seigle 208		Wendy
	STEM Teasers			Seigle 303		Bev
	Skin Deep: Using STEM to Talk About Skin Color at Every Age			Simon 20		Leon
	Misconceptions in Science: Grades 4-8			Simon 18		Melanie
	Thinking Outside the Box			Simon 22		Phil
	Hovercrafts and Drones in the Classroom			Seigle L003		Joan
	Extending Your Curriculum With Robotics!			Seigle L004		Barbara
	Technology Assistance (2 slides, 2 minutes, Organizer)			Seigle 304		John
Work Time and Space	Complete STEM TQ requirements	Seigle 304 and 109				
9:50-9:55	<b>passing time</b>					
9:55-10:45	Careers	STEMitize content using career connections and resources	A	Seigle 205	Binders, Tablets	Amy, Deb
9:55-10:45	OneNote/Digital Ink/Tech Device Integration Tools	See Session Descriptions	Groups B, C, D, E, F Choose Your Session	Seigle 206	Binders, Tablets	Orlando
	The Compassionate Teacher			Seigle 111		Billie
	Design for Change-Design Thinking Makerspace			Seigle 204		Sherita
	Google Forms			Seigle 208		Wendy
	STEM Teasers			Seigle 303		Bev
	STEM is Everywhere: Math Since the Beginning of Time			Simon 20		Leon
	Misconceptions in Science: Grades 4-8			Simon 18		Melanie
	Thinking Outside the Box			Simon 22		Phil
	Hovercrafts and Drones in the Classroom			Seigle L003		Joan
	Extending Your Curriculum With Robotics!			Seigle L004		Barbara
Technology Assistance (2 slides, 2 minutes, Organizer)	Seigle 304	John				
Work Time and Space	Complete STEM TQ requirements	Seigle 304 and 109				
10:45	<b>passing time</b>					
10:50-11:40	Careers	STEMitize content using career connections and resources	E	Seigle 205	Binders, Tablets	Amy, Deb
10:50-11:40	Technology and Computer Science Part 2	Discover ideas/resources for technology and computer science	C	Seigle 206	Binders, Tablets	Jaime, Orlando

next page for 10:50-11:40 choices

Monday July 16th

10:50-11:40	Mindfulness, Meditation and Energy Work	See Session Descriptions	Groups A, B, D, F Choose Your Session	Seigle 111		Billie
	Design for Change-Design Thinking Makerspace			Seigle 204		Sherita
	Google Forms			Seigle 208		Wendy
	STEM Teasers			Seigle 303		Bev
	STEM is Everywhere: Science Since the Beginning of Time			Simon 20		Leon
	Thinking Outside the Box			Simon 22		Phil
	Misconceptions in Science: Grades 4-8			Simon 18		Melanie
	Hovercrafts and Drones in the Classroom			Seigle L003		Joan
	Extending Your Curriculum With Robotics!			Seigle L004		Barbara
	Technology Assistance (2 slides, 2 minutes, Organizer)			Seigle 304		John
Work Time	Complete STEM TQ requirements		Seigle 304 and 109			
11:40	<b>LUNCH ON YOUR OWN</b>					

**MONDAY AFTERNOON JULY 16TH: Stemitizing Content**

**MONDAY AFTERNOON: Teachers in "Groups D, and F" Are Off-Campus on a Field Experience**

TIME	FOCUS	OUTCOMES	GROUPS	LOCATION	MATERIALS	FACILITATOR(S)
12:20	<b>Board the Bus at Wash U (outside Simon)</b>	Observe and experience plant science and modern agriculture	F	700 Chesterfield Parkway West St. Louis, MO 63017	Tablets ID Close Toed Shoes <a href="https://monsanto.com/">https://monsanto.com/</a>	John
12:30	Travel to <b>Monsanto</b> , Arrive in Time to Pass Through Security					
1:00	Tour Begins					
3:30	Tour Concludes, travel back to campus/home, complete exit slip					

12:20	<b>Walk to cars</b>	Observe the technology and automation of a mail order pharmacy.	D	4600 North Hanley Road, St. Louis, MO 63134	Tablets ID Close Toed Shoes <a href="https://www.express-scripts.com/#/">https://www.express-scripts.com/#/</a>	Sherita
12:30	Depart for <b>Express Scripts (No BUS provided)</b>					
1:00	Arrive at Express Scripts and session begins					
3:30	Tour Concludes/complete exit slip					

**MONDAY AFTERNOON: Teachers in "Groups A, B, C, and E" Are On-Campus**

12:20	Optional Lunchtime Specials ( <b>Meet Up</b> Groups on Topics)	Connect around topics of interest	Anyone	Seigle L004 and Lower Level			
1:00-1:50	Careers	STEMitize content using career connections and resources	C	Seigle 205	Binders, Tablets	Amy, Deb	
	OneNote/Digital Ink/Tech Device Integration Tools			Seigle 206		Orlando	
	Art Connections!			Seigle 208		Wendy	
	Sixty Formative Assessment Strategies			Seigle 303		Bev	
	Skin Deep: Using STEM to Talk About Skin Color at Every Age			Simon 20		Leon	
	Thinking Outside the Box			Simon 22		Phil	
	Mindfulness, Meditation and Energy Work			Seigle 106		Billie	
	Misconceptions in Science: Grades K-3			Simon 18		Melanie	
	STEMplay (K-3)			Seigle L003		Joan	
	Technology Assistance (2 slides, 2 minutes, Organizer)			Get assistance uploading		Seigle 304	Barbara
	Work Time			Complete STEM TQ requirements		Seigle 304 and 109	

Next page for 1:55-2:45 choices

Monday July 16th

1:50-1:55	<b>passing time</b>					
1:55-2:45	Technology and Computer Science Part 2	Discover ideas/resources for technology and computer science	B	Seigle 206	Binders, Tablets	Jaime, Orlando
	Teaching Math and Science with Legos			Seigle L004		Barbara
	Art Connections!			Seigle 208		Wendy
	Taking the Fear Out of Fractions			Seigle 303		Bev
	STEM is Everywhere: Math Since the Beginning of Time			Simon 20		Leon
	Thinking Outside the Box			Simon 22		Phil
	Mindfulness, Meditation and Energy Work			Seigle 106		Billie
	Misconceptions in Science: Grades K-3			Simon 18		Melanie
	Lucky Zip Codes			Seigle 205		Amy
	STEMplay (K-3)			Seigle L003		Joan
	Technology Assistance (2 slides, 2 minutes, Organizer)	Get assistance uploading		Seigle 304		Deb
Work Time	Complete STEM TQ requirements		Seigle 304 and 109			
2:45-2:50	<b>passing time</b>					
2:50-3:40	Technology and Computer Science Part 2	Discover ideas/resources for technology and computer science	E	Seigle 206	Binders, Tablets	Jaime, Orlando
	Teaching Math and Science with Legos			Seigle L004		Barbara
	Art Connections!			Seigle 208		Wendy
	Sixty Formative Assessment Strategies			Seigle 303		Bev
	The Wisdom Knot: Culturally Proficient Practices for STEM			Simon 20		Leon
	Writing Rubrics			Seigle 109		Deb
	Agriculture and STEAM			Seigle 205		Amy
	The Compassionate Teacher			Seigle 106		Billie
	STEMplay (K-3)			Seigle L003		Joan
	Misconceptions in Science: Grades K-3			Simon 18		Melanie
	Technology Assistance (2 slides, 2 minutes, Organizer)	Get assistance uploading		Seigle 304		Phil
Work Time	Complete STEM TQ requirements		Seigle 304			
3:40	<b>CLOSURE AND EXIT SLIP</b>		A, B, C, E	Seigle 304	Tablet	Phil, Orlando

TUESDAY MORNING JULY 17TH: STEM in the World: Learning, Thinking, Talking						
TUESDAY MORNING: Teachers in "Groups C, B, E" Are Off-Campus on a Field Experience						
TIME	FOCUS	OUTCOMES	GROUPS	LOCATION	MATERIALS	FACILITATOR(S)
8:00	Travel to <b>Saint Louis University</b> , Arrive in Time to Sign-In	3-D projection offers viewing and explanations of our bones, joints, and muscles using cadaver examples	C B E	SLU Practical Anatomy and Surgical Education, <b>Young Hall</b> , 3839 Lindell, St. Louis, MO 63108 (#66 on Campus Map)	Tablets <a href="http://www.slu.edu/medicine/clinics-community/aims/">www.slu.edu/medicine/clinics-community/aims/</a>	Phil and Joan with Ray Vollmer
8:30	Opening					
8:45	Bones, Joints, Muscles					
9:45	Break					
10:00	Heart Dissection	Identify heart functions and design		Surgical Lab	Tablets	
11:30	Travel back to Washington University, Seigle and Simon Halls					
11:45	<b>LUNCH ON YOUR OWN</b>					
TUESDAY MORNING: Teachers in "A, D, F" Groups Are On-Campus						
TIME	FOCUS	OUTCOMES	GROUPS	LOCATION	MATERIALS	FACILITATOR(S)
8:30	<b>OPENING</b>		All	Seigle 304		John, Nancy
8:45-9:00	<b>passing time</b>					
9:00-9:50	Technology and Computer Science Part 2	Discover ideas/resources for technology and computer science	A	Seigle 206	Binders, Tablets	Jaime, Orlando
9:00-9:50	Agriculture and STEAM	See Session Descriptions	Groups D and F Choose Your Session	Seigle 205	Binders, Tablets	Amy
	Teaching Math and Science with Legos			Seigle L004		Barbara
	Art Connections!			Seigle 208		Wendy
	Sixty Formative Assessment Strategies			Seigle 303		Bev
	Power of Play, Pods, Blogs & Vlogs			Seigle 204		Sherita
	Papermaking			Seigle 111		Melanie
	The Compassionate Teacher			Seigle 210		Billie
	STEM is Everywhere: Science Since the Beginning of Time			Seigle 106		Leon
	Technology Assistance (2 slides, 2 minutes, Organizer)			Seigle 304		John
Work Time	Complete STEM TQ requirements	Seigle 304				
9:50-9:55	<b>passing time</b>					
9:55-10:45	Careers	STEMitize content using career connections and resources	F	Seigle 205		Amy, Deb
9:55-10:45	Power of Play, Pods, Blogs & Vlogs	See Session Descriptions	Groups A and D Choose Your Session	Seigle 204	Binders, Tablets	Sherita
	Circuitry Creativity to Enhance Learning			Seigle L004		Barbara
	Rich Tasks in Mathematics			Seigle 208		Wendy
	Take the Fear Out of Fractions			Seigle 303		Bev
	STEM is Everywhere: Math Since the Beginning of Time			Seigle 106		Leon
	Mindfulness, Meditation and Energy Work			Seigle 210		Billie
	Papermaking			Seigle 111		Melanie
	Technology Assistance (2 slides, 2 minutes, Organizer)			Seigle 304		John, Leon
	Work Time			Complete STEM TQ requirements		Seigle 304
10:45-	<b>passing time</b>					
10:50-11:40	Careers	STEMitize content using career connections and resources	D	Seigle 205		Amy, Deb

next page for 10:50-11:40 choices

Tuesday July 17th							
10:50-11:40	The Wisdom Knot: Culturally Proficient Practices for STEM	See Session Descriptions	Groups A and F Choose Your Session	Seigle 106	Binders, Tablets	Leon	
	Circuitry Creativity to Enhance Learning			Seigle L004		Barbara	
	Rich Tasks in Mathematics			Seigle 208		Wendy	
	Taking a Closer Look at MO Learning Standards for Math			Seigle 303		Bev	
	Power of Play, Pods, Blogs & Vlogs			Seigle 204		Sherita	
	The Compassionate Teacher			Seigle 206		Billie	
	Papermaking			Seigle 111		Melanie	
	Technology Assistance (2 slides, 2 minutes, Organizer)			Get assistance uploading		Seigle 304	John
	Work Time			Complete STEM TQ requirements		Seigle 304	
11:40	<b>LUNCH ON YOUR OWN</b>						

TUESDAY AFTERNOON JULY 17TH: STEM in the World: Learning, Thinking, Talking							
TUESDAY AFTERNOON: Teachers in "Group A" Are Off-Campus on a Field Experience							
12:20	<b>Board the Bus at Wash U (outside Simon)</b>	Visit the Rain Garden, explore watershed, and tour the MSD plant	A	Bissell Point Plant 10 East Grand Ave. St. Louis, MO 63147	Tablets, ID Close Toed Shoes <a href="https://www.stlmsd.com/">https://www.stlmsd.com/</a>	Leon	
12:30	Depart for <b>Metropolitan Sewer District (BUS provided)</b>						
1:00	Arrive at MSD and session begins						
3:30	Tour Concludes, travel back to campus/complete exit slip						
TUESDAY AFTERNOON: Teachers in "Groups B, C, D, E, F" Are On-Campus							
12:20	Optional <b>Meet Up</b> Groups (suggest topics and gather with others)	Connect around topics of interest	Anyone	Seigle Lower Level Foyer			
1:00-2:15	STEMITIZING BONES AND HEARTS (extension/integration)	STEMitize content through extension and integration	C	E	Simon 18 and 20	Binders, Tablets	W, Mel, Sherita
	Bones and Ratios (science, math, technology)		B	Simon 22	Bb, Billie, Bv		
	Rap and Models (science, art, engineering)		B	Simon 22	W, Mel, Sherita		
2:15-3:30	Bones and Ratios (science, math, technology)	Rap and Models (science, art, engineering)	C	E	Simon 18 and 20		Bb, Billie, Bv
1:00-1:50	Technology and Computer Science Part 2	Discover ideas/resources for technology and computer science	D	Seigle 206	Binders, Tablets	Jaime, Orlando	
1:00-1:50	Writing Rubrics	See Session Descriptions	Group F Choose Your Session	Seigle 205	Binders, Tablets	Deb	
	Agriculture and STEAM			Seigle 208		Amy	
	Thinking Outside the Box			Seigle 303		Phil	
	Misconceptions in Science: Grades 4-8			Seigle 106		Joan	
	Technology Assistance (2 slides, 2 minutes, Organizer)			Get assistance uploading		Seigle 304	John
Work Time	Complete STEM TQ requirements	Seigle 304					
1:50-1:55	<b>passing time</b>						
1:55-2:45	Microbit Magic/Computer Science	See Session Descriptions	Group D and F Choose Your Session	Seigle 206	Binders, Tablets	Orlando	
	Lucky Zip Codes			Seigle 208		Amy	
	Thinking Outside the Box			Seigle 303		Phil	
	Misconceptions in Science: Grades 4-8			Seigle 106		Joan	
	Writing Rubrics			Seigle 205		Deb	
	Technology Assistance (2 slides, 2 minutes, Organizer)			Get assistance uploading		Seigle 304	John
Work Time	Complete STEM TQ requirements	Seigle 304					
2:45-2:50	<b>passing time</b>						
2:50-3:40	Microbit Magic/Computer Science	See Session Descriptions	Group D and F Choose Your Session	Seigle 206	Binders, Tablets	Orlando	
	21st Century Skills and STEM Capable Learning			Seigle 208		Amy	
	Thinking Outside the Box			Seigle 303		Phil	
	Misconceptions in Science: Grades 4-8			Seigle 106		Joan	
	Writing Rubrics			Seigle 205		Deb	
	Technology Assistance (2 slides, 2 minutes, Organizer)			Get assistance uploading		Seigle 304	John
Work Time	Complete STEM TQ requirements	Seigle 304					
3:40	<b>CLOSURE AND EXIT SLIP</b>		B, C, D, E, F	Held in all 2:50-3:40 session rooms		Everyone with a last session	

WEDNESDAY JULY 18TH: STEM in the World: Learning, Thinking, Talking Continued						
WEDNESDAY MORNING: Teachers in "Groups A, D and F" Are Off-Campus on a Field Experience						
TIME	FOCUS	OUTCOMES	GROUPS	LOCATION	MATERIALS	FACILITATOR(S)
8:00	Travel to <b>Saint Louis University</b> , Arrive in Time to Sign-In		A D F	SLU Practical Anatomy and Surgical Education, <b>Young Hall</b> , 3839 Lindell, St. Louis, MO 63108 (#66 on Campus Map)	Tablets <a href="http://www.slu.edu/medicine/clinics-community/aims/">www.slu.edu/medicine/clinics-community/aims/</a>	Deb and Phil with Ray Vollmer
8:30	Opening	See cadaver models with 3-D viewing and demonstration				
8:45	Bones, Joints, Muscles					
9:45	<b>Break</b>					
10:00	Heart Dissection	Identify heart functions and design				
11:30	All Groups Travel back to Wash U			Surgical Lab	Tablets	
11:45	<b>LUNCH ON YOUR OWN</b>					
WEDNESDAY MORNING: Teachers in "Groups B, C and E" Are On-Campus						
8:30	<b>OPENING</b>	Beginning, Focusing		Seigle 304		Billie, Melanie
8:45-9:00	<b>passing time</b>					
9:00-9:50	Lucky Zip Codes	See Session Descriptions	Groups B, C and E Choose Your Session	Seigle 205	Binders, Tablets	Amy
	Microbit Magic/Computer Science			Seigle 206		Orlando
	Engaging 21st Century Learner in the Math Classroom (4-8)			Seigle 208		Wendy
	Sixty Formative Assessment Practices			Seigle 303		Bev
	STEMplay			Simon 21		Joan
	Circuitry Creativity to Enhance Learning			Seigle L004		Barbara
	Papermaking			Seigle 111		Melanie
	Power of Play, Pods, Blogs & Vlogs			Seigle 204		Sherita
	Thinking Outside the Box			Simon 22		Phil
	The Compassionate Teacher			Seigle 210		Billie
Technology Assistance (2 slides, 2 minutes, Organizer)	Get assistance uploading	Seigle 304	John			
Work Time	Complete STEM TQ requirements	Seigle 304				
9:50-9:55	<b>passing time</b>					
9:55-10:45	Agriculture	See Session Descriptions	Groups B, C and E Choose Your Session	Seigle 205	Binders, Tablets	Amy
	Microbit Magic/Computer Science			Seigle 206		Orlando
	Rich Tasks in Mathematics			Seigle 208		Wendy
	Take the Fear Out of Fractions			Seigle 303		Bev
	STEMplay			Simon 21		Joan
	Circuitry Creativity to Enhance Learning			Seigle L004		Barbara
	Papermaking			Seigle 111		Melanie
	The Other E in STEM: Entrepreneurship			Seigle 204		Sherita
	Thinking Outside the Box			Simon 20		Leon
	Mindfulness, Medication and Energy Work			Seigle 210		Billie
Technology Assistance (2 slides, 2 minutes, Organizer)	Get assistance uploading	Seigle 304	John			
Work Time	Complete STEM TQ requirements	Seigle 304				
10:45-	<b>passing time</b>					

next page for 10:50-11:40 choices

Wednesday July 18th

10:50-11:40	21st Century Skills and STEM Capable Learning	See Session Descriptions	Groups B, C and E Choose Your Session	Seigle 205	Binders, Tablets	Amy
	Design for Change- Design Thinking Makerspace			Seigle 206		Orlando
	Rich Tasks in Mathematics			Seigle 208		Wendy
	Sixty Formative Assessment Practices			Seigle 303		Bev
	STEMplay			Simon 21		Joan
	Circuitry Creativity to Enhance Learning			Seigle L004		Barbara
	Papermaking			Seigle 111		Melanie
	Power of Play, Pods, Blogs & Vlogs			Seigle 204		Sherita
	Thinking Outside the Box			Simon 20		Leon
	The Compassionate Teacher			Simon 22		Deb
	Taking a Closer Look at MO Learning Standards for Math			Seigle L002		Billie
	Technology Assistance (2 slides, 2 minutes, Organizer)			Seigle 304		John
	Work Time			Seigle 304		
11:40	<b>LUNCH ON YOUR OWN</b>					

WEDNESDAY AFTERNOON: Teachers in "Groups B, C, E" Are Off-Campus on a Field Experience							
TIME	FOCUS	OUTCOMES	GROUPS	LOCATION	MATERIALS	FACILITATOR(S)	
12:00	Walk to cars	Observe the focus and workings of a life science, industrial lab company	C	2909 Laclède Ave. St. Louis, MO 63103	Tablets, binders <a href="https://www.sigmaaldrich.com/united-states.html">https://www.sigmaaldrich.com/united-states.html</a>	Deb	
12:10	Travel to MilleporeSigma (NO bus provided)						
12:30	Arrive and Register at MilleporeSigma						
12:40	Session and tour begins						
4:00	Tour Concludes, travel back to campus/complete exit slip						
12:15	Walk to cars	Observe behind-the-scenes work in energy and sustainability	E	1901 Chouteau Ave. St. Louis, MO 63013	Tablets, binders <a href="https://www.ameren.com/">https://www.ameren.com/</a>	Joan	
12:25	Depart and travel to Ameren (NO Bus Provided)						
12:45	Arrive at Ameren and Pass Through Security						
1:00	Tour and visit with employees						
3:30	Tour Concludes/complete exit slip						
12:20	Board the Bus at Wash U (outside Simon)	Observe the inner workings of a recycling service provider.	B	13570 St. Charles Rock Road, Bridgeton, MO 63044	Tablets Dress for some non-AC locations Close Toed Shoes <a href="https://www.republicservices.com/">https://www.republicservices.com/</a>	Phil	
12:30	Depart for Republic Services (BUS provided)						
1:00	Arrive at Bridgeton Landfill and session begins						
3:30	Tour Concludes, travel back to campus/complete exit slip						
WEDNESDAY AFTERNOON: Teachers in "Groups A, D, F" Are On-Campus							
12:20	Optional Meet Up Groups (suggest topics and gather with others)	Connect around topics of interest	Anyone	Seigle Lower Level Foyer			
1:00-2:15	STEMITIZING BONES AND HEARTS (extension/integration)	STEMitize content through extension and integration	A	D	Simon 18 and 20	Binders, Tablets	W, Mel, Sherita
	Bones and Ratios (science, math, technology)		F	Simon 22			Bb, Billie, Bv
2:15-3:30	Rap and Models (science, art, engineering)		F	Simon 22			W, Mel, Sherita
	Bones and Ratios (science, math, technology)		A	D	Simon 18 and 20		Bb, Billie, Bv
3:40	CLOSURE AND EXIT SLIP			Held in all 2:50-3:40 session rooms		Everyone with a last session	

THURSDAY JULY 19th: STEM in the World and in Our Classrooms						
THURSDAY MORNING: Teachers in "Group 1, 2, 3, 6" Is Off-Campus on a Field Experience						
TIME	FOCUS	OUTCOMES	GROUPS	LOCATION	MATERIALS	FACILITATOR(S)
7:50	Board the Bus at Wash U (outside Simon)	Observe behind-the-scenes work in visioning, design, building	2	611 N. 10th, Suite 200, St. Louis, MO 63101	Tablets <a href="https://www.ittnerarchitects.com/">https://www.ittnerarchitects.com/</a>	Wendy
8:00	Depart for Ittner Architects (BUS provided)					
8:30	Arrive at Ittner and session begins					
11:30	Travel back to campus BY BUS					
8:20	Board the Bus at Wash U (outside Simon)	Observe behind-the-scenes work in visioning, design in a small, growing startup	3	317 N. 11th, St. Louis, MO 63101	Tablets <a href="http://www.projectpixelpress.com/">http://www.projectpixelpress.com/</a>	Amy
8:30	Depart for Pixel Press (BUS provided)					
9:00	Arrive at Pixel and session begins					
11:30	Travel back to campus BY BUS					
6:50	Board the Bus at Wash U (outside Simon)	Tour, engage, and discover resources and strategies for math	1	Broadway and Locust Streets St. Louis, MO 63102	Tablets <a href="https://www.stlouisfed.org/">https://www.stlouisfed.org/</a>	Phil
7:00	Depart for Federal Reserve (BUS provided)					
7:30	Arrive at Federal Reserve and session begins					
11:30	Travel back to campus BY BUS					
8:20	Board the Bus at Wash U (outside Simon)	Gain insight into a large communications company	6	801 Chestnut, St. Louis, MO 63101	Tablets	Billie
8:30	Depart for AT&T (BUS provided)					
9:00	Arrive at AT&T and session begins					
11:30	Travel back to campus BY BUS					
THURSDAY MORNING: Teachers in "Groups 4 & 5" Are On-Campus						
8:30	OPENING	Beginning, Focusing	4 & 5	Seigle 304		
8:45-9:00	passing time					
9:00-9:50	Planetarium in Your Classroom	See Session Descriptions	Groups 4 and 5 Choose Your Session	Seigle 303	Binders, Tablets	Joan
	Reverse Engineering			Seigle L004		Barbara
	Taking a Closer Look at MO Learning Standards for Science			Seigle 111		Melanie/Bev
	Design for Change-Design Thinking Matknerspace			Seigle 204		Sherita
	Skin Deep: Using STEM to Talk About Skin Color at Every Age			Simon 20		Leon
	Microsoft Educators Network, One Note, Sway, Skype			Seigle 206		Orlando
	Technology Assistance (2 slides, 2 minutes, Organizer)			Seigle 304		John
	Work Time			Seigle 304		
9:50-9:55	passing time					
	Reverse Engineering			Seigle L004		Barbara
	Taking a Closer Look at MO Learning Standards for Science			Seigle 111		Melanie/Bev
	The Other in STEM: Entrepreneurship			Seigle 204		Sherita
	STEM is Everywhere: Science Since The Beginning of Time			Simon 20		Leon
	Microsoft Educators Network, One Note, Sway, Skype			Seigle 206		Orlando
	Job Alike Conversations: SPED and Reading			Simon 21		Deb
	Technology Assistance (2 slides, 2 minutes, Organizer)			Seigle 304		John
	Work Time			Seigle 304		
10:45-	passing time					

next page for 10:50-11:40 choices



Thursday July 19th

10:50-11:40	STEM and Hands on Black History	See Session Descriptions	Groups 4 and 5 Choose Your Session	Seigle 208	Binders, Tablets	Debbie Nelson Linck
	Taking a Closer Look at MO Learning Standards for Science			Seigle 111		Melanie
	Taking a Closer Look at MO Learning Standards for Math			Simon 21		Bev
	The Other in STEM: Entrepreneurship			Seigle 204		Sherita
	STEM is Everywhere: Math Since The Beginning of Time			Simon 20		Leon
	Microsoft Educators Network, One Note, Sway, Skype			Seigle 206		Orlando
	Planetarium in Your Classroom			Seigle 303		Joan
	Technology Assistance (2 slides, 2 minutes, Organizer)			Seigle 304		John, Barbara
	Work Time			Complete STEM TQ requirements		Seigle 304
11:40	<b>LUNCH ON YOUR OWN</b>					

THURSDAY AFTERNOON: Teachers in "Groups 4 & 5" Are Off-Campus on a Field Experience						
TIME	FOCUS	OUTCOMES	GROUPS	LOCATION	MATERIALS	FACILITATOR(S)
12:20	Walk to cars	Discover the work, research and jobs at this important Center	4	975 N. Warson Road St. Louis, MO 63132	Tablets, ID <a href="https://www.danforthcenter.org/">https://www.danforthcenter.org/</a>	Melanie
12:30	Depart for Danforth Plant Science Center (NO bus provided)					
1:00	Session begins					
3:30	Travel back to campus or travel home					
12:20	Board the Bus at Wash U (outside Simon)	Observe a working air/space training and manufacturing facility	5	Center for Workforce Innovation 3344 Pershall Road, Ferguson, MO 63135 (Flo Valley SLCC)	Tablets, ID <a href="https://www.stlcc.edu/workforce/center-for-workforce-innovation/">https://www.stlcc.edu/workforce/center-for-workforce-innovation/</a>	Orlando
12:30	Depart for Boeing at St. Louis Community College					
1:00	Arrive and session begins					
3:30	Travel back to campus BY BUS					

THURSDAY AFTERNOON: Teachers in "Groups 1, 2, 3, 6" Are On-Campus						
TIME	FOCUS	OUTCOMES	GROUPS	LOCATION	MATERIALS	FACILITATOR(S)
12:20	Optional Meet Up Groups (suggest topics and gather with others)	Connect around topics of interest	Anyone	Seigle Lower Level Foyer		
1:00-1:50	STEM and Hands on Black History	See Session Descriptions	Groups 1, 2, 3, 6 Choose Your Session	Seigle 208	Binders, Tablets	Debbie Nelson Linck
	The Other E in STEM: Entrepreneurship			Seigle 206		Sherita
	Job Alike Conversations: Coaches/Librarians/PE/Music/Mkrsp			3rd Floor hallway		Deb
	Reverse Engineering			Seigle L004		Barbara
	STEM is Everywhere: Math Since the Beginning of Time			Simon 20		Leon
	Planetarium in Your Classroom			Seigle 303		Joan
	Smart			Simon 22		Phil
	STEMitizing Your Relationships			Seigle 205		Amy
				Simon 18		Wendy
	Taking a Closer Look at MO Learning Standards for Math			Seigle L002		Bille
	Technology Assistance (2 slides, 2 minutes, Organizer)			Simon 21		Bev
Work Time	Get assistance uploading	Seigle 304	John			
1:50-1:55	<b>passing time</b>					

next page for 1:55-2:45 choices

Thursday July 19th

1:55-2:45	STEM and Hands on Black History	See Session Descriptions	Groups 1, 2, 3, 6 Choose Your Session	Seigle 208	Binders, Tablets	Debbie Nelson Linck
	Design for Change- Design Thinking Makerspace			Seigle 206		Sherita
	Job Alike Conversations: Teachers of Gifted and SPED			3rd Floor hallway		Deb
	Reverse Engineering			Seigle L004		Barbara
	STEM is Everywhere: Science Since the Beginning of Time			Simon 20		Leon
	Planetarium in Your Classroom			Seigle 303		Joan
	Smart			Simon 22		Phil
	STEMitizing Your Relationships			Seigle 205		Amy
	Engaging the 21st Learner in the Math Classroom			Simon 18		Wendy
	The Compassionate Teacher			Seigle L002		Bille
	Taking a Closer Look at MO Learning Standards for Math			Simon 21		Bev
	Technology Assistance (2 slides, 2 minutes, Organizer)			Seigle 304		John
	Work Time			Seigle 304		
2:45-2:50	<b>passing time</b>					
2:50-3:40	Design for Change- Design Thinking Makerspace	See Session Descriptions	Groups 1, 2, 3, 6 Choose Your Session	Seigle 206	Binders, Tablets	Sherita
	Job Alike Conversations: Reading and ELA			3rd Floor hallway		Deb
	Reverse Engineering			Seigle L004		Barbara
	Skin Deep: Using STEM to Talk About Skin Color At Every Age			Simon 20		Leon
	Planetarium in Your Classroom			Seigle 303		Joan
	Smart			Simon 22		Phil
	STEMitizing Your Relationships			Seigle 208		Amy
	Rich Tasks in Mathematics			Simon 18		Wendy
	Mindfulness, Meditation and Energy Work			Seigle L002		Bille
	Taking a Closer Look at MO Learning Standards for Math			Simon 21		Bev
	Technology Assistance (2 slides, 2 minutes, Organizer)			Seigle 304		John
	Work Time			Seigle 304		
	3:40			<b>CLOSURE AND EXIT SLIP</b>		

2nd FRIDAY JULY 20th: STEM IS EVERYWHERE						
TIME	FOCUS	OUTCOMES	GROUPS	LOCATION	MATERIALS	FACILITATOR(S)
8:30-10:00	2 Slides, 2 Minutes	Share ideas for STEMitizing classroom curriculum.	A	Seigle 204	John will provide! Deb will assist!	Amy, Phil
			B	Seigle 205		Sherita, Wendy
			C	Seigle 206		Bev, Leon
			D	Seigle 208		Orlando, Billie
			E	Seigle 111		Joan, Barbara
			F	Seigle 304		Mel, Nancy
10:00	<b>Break and Passing time: Move to College Hall</b>					
10:15	Final Large Group Opening, Greetings from STEMpact:	Reviewing and Celebrating	All	Hillman Auditorium	Institute Evaluation	Deb, Barbara
10:45	The Art of Science by Missouri Teacher of the Year: Bob Becker	teacher and students making sense of science!				Bob Becker and students
12:00	<b>LUNCH on Your Own and Finish Evaluation</b>					
1:00	District Debrief	Check in: district conversations	All	Hillman Auditorium	Binders	See First Friday District Assignments
1:45	Discussion of Follow Up Celebrate 100% Success!	Clarifying follow up			Deb	
2:00	Minute to Win It	Engineering solutions			Materials provided!	
2:45	Closure	Celebrating!			Certificates	
3:00	Conclude				Complete Evaluation!	