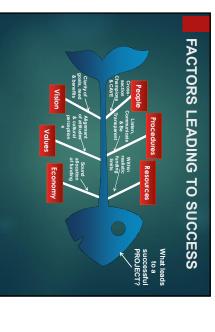
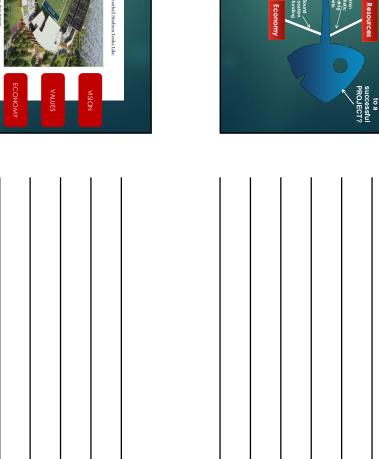
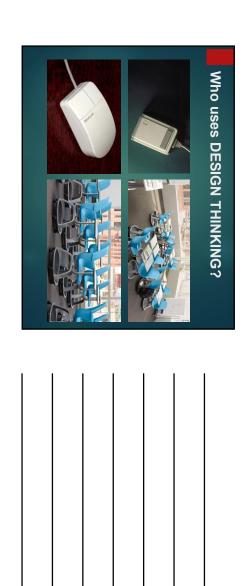
Global Innovations in Place October 28, 2017, 4:30 PM Marriott Marquis, ROOM A704 Atlanta, GA Global Innovations in Place October 28, 2017, 4:30 PM Marriott Marquis, ROOM A704 Atlanta, GA Global Innovations in Place October 28, 2017, 4:30 PM Marriott Marquis, ROOM A704 Atlanta, GA How design thinking can jump start the creative process in planning for innovative learning environments. **BEYOND DESIGN PROJECT ZERO:** Understand how Design Thinking techniques can aid in compressed project schedules. **BEYOND DESIGN PROJECT ZERO: BEYOND DESIGN PROJECT ZERO:** Identify Design Thinking techniques used to increase collaboration and creativity. Understand how to integrate Design Thinking into visioning for educational design projects. This session will require active participation from the attendees in understanding, identifying, and applying design thinking techniques. The session will highlight how design thinking has been applied to learning environments by both educations and learning environment planners. Case studies of how these techniques improved collaboration and creativity will be discussed and scribe what Design Thinking is and how it is being used in education **ENVIRONMENTS** LEARNING ENVIRONMENTS LEARNING ENVIRONMENTS



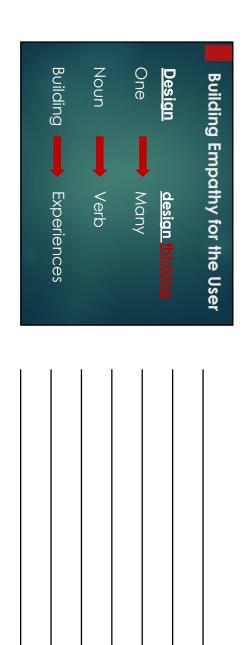


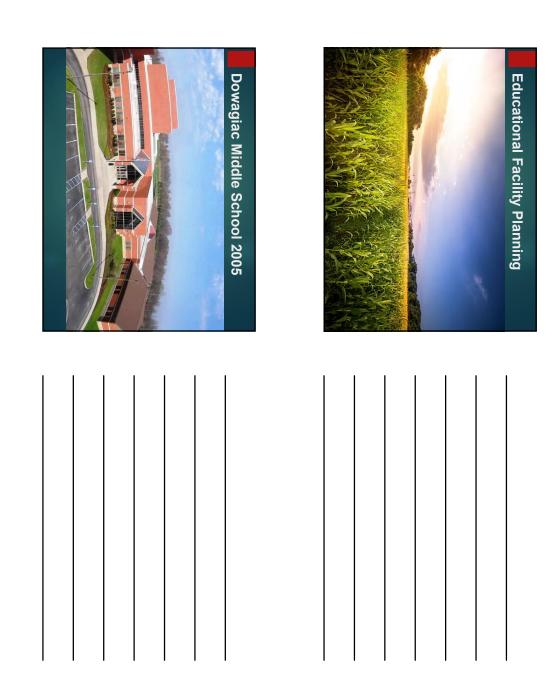
DESIGN TH	DESIGN THINKING INTRODUCTION	
DESIGN PROJE ACTIVITY	■DESIGN PROJECT ZERO: A 90 MINUTE ACTIVITY	1
DF0 (Design Project Zero) is a Silvenisate (including obstriet) backpacks project though a full design cycle. Soubstra pair up to interview each other, create a point of-view, ideats, and make a new solution that is "useful and meaningfit" to their partner.		
Two variatins of DPO are "The Walke Project" and "The Gill- Giving Project". Tway have the similar format, only the topic is different.		
The original DPD The Wildel Project was created for the dischold very first cause in 2014 and the project state with students looking at the content of their partner's wallet or purse (and govern to sok every student to design something for their partners).		
Another DPO topic is The Giff-Giving Project where students are asked to redesign how their partner gives giffs.		
Get the materials to facilitate the activity for a group yourself here.		
Or play the Creath Course (video facilitation that leads the group) here.		

Argejain Timan option, "The scalated staterows." Also because a loven reading that the 20 million studiem, the company of the

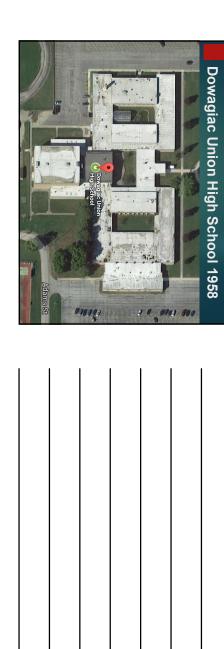




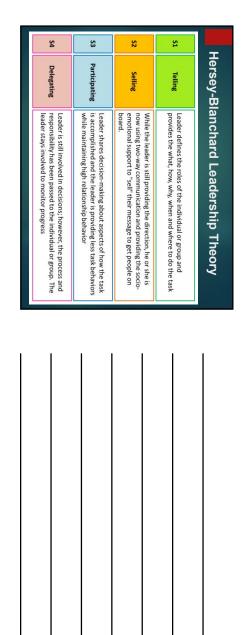


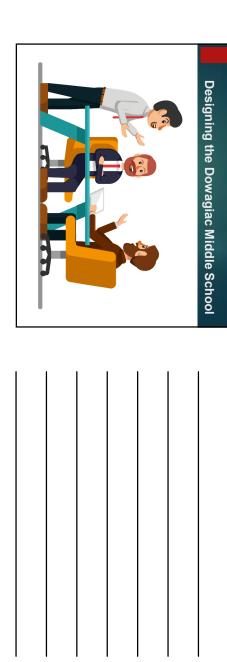


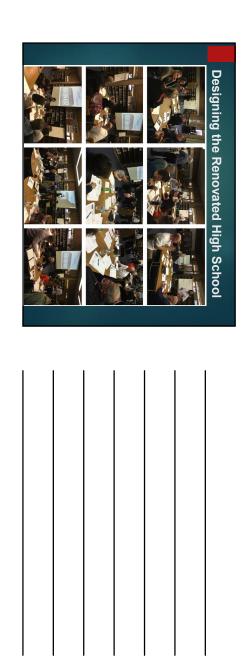


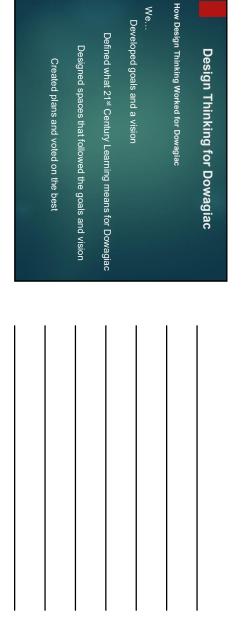


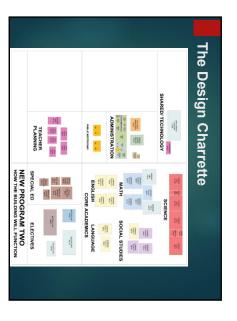
			Dowagiac Union High School Renovations and Additions

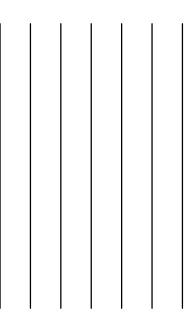


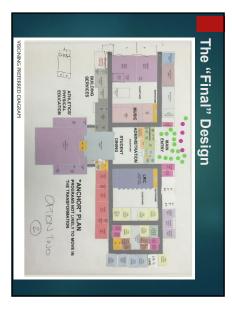


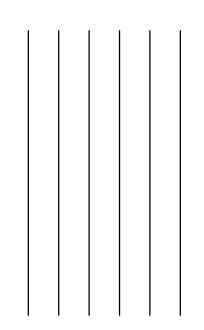


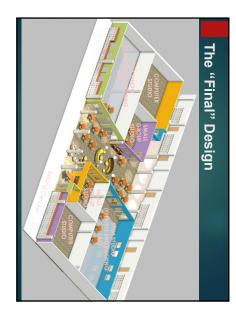


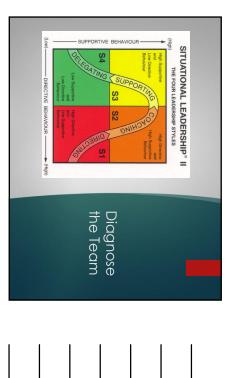


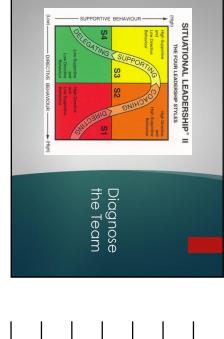






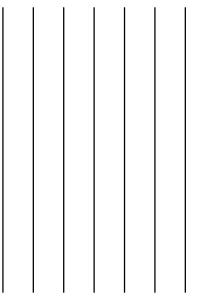








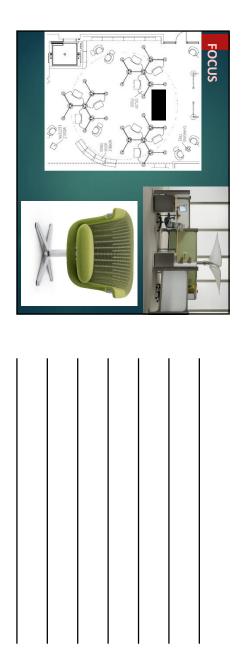
HIGH SCHOOL MECCA – LEARNING CAFE
LEARNING & RESEARCH CENTER

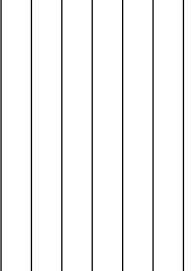






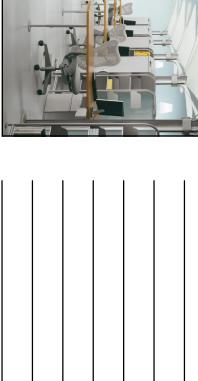






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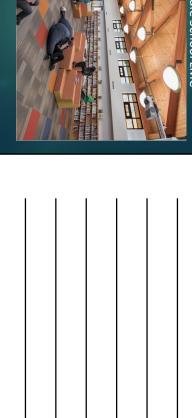


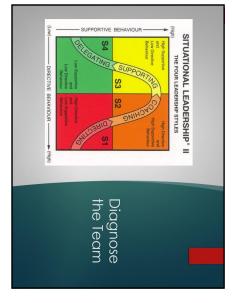


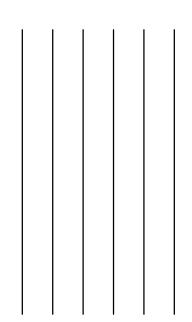
per	Was are the intended COUTCAMS for the intended Inc. For Students (3 minutes) For For Teachers	Mate are the interested (Note and the Controlled of Contr	OCTUBE & BEHANDS WAR ARE THE THE THE THE THE THE THE THE THE TH
Teachers could observe another class in a different content/grade level to learn new ideas or work on cross- ourricular topics			
	For	Teachers could observe another class in a different	 Teachers could meet in library to work together
	Teachers	new ideas or work on cross-	
2. Dig Deeper	& Staff	ourrioulartopios	
2. Dig Deeper	(3 minutes)		
	ָבָּרָ בָּיִבְּיִבְּיִבְּיִבְּיִבְּיִבְּיִבְּיִבְ		

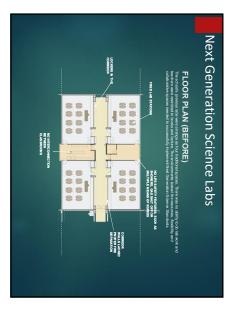
Gurnee Viki	Spaces that Inspire Define the problem statement - 5 minutes What deep part of the LRC at the LRC a	3. Empathy for Students	Fluish homework Redax Spoialize	A day in the life of a typical Viking Third Interview - 6 min (2 sessions x 3 minutes each.) May the solution of a maken't typical day Tell seabout the places before
Gurnee Viking Middle School LMC	aces that Inspire The LRC at Viking Middle School Have separate yet open rooms available for group. The LRC at Viking Middle School Have separate yet open rooms available for group. The way to This will allow for all students the school day to extend learning needs a way to Surprisingly // because // but (circle one)	DURING School?	Come in during recess to work on homework During BLCA with teacher permission Teacher could study study to work on a project to work on a project	A day in the life of a typical Viking Middle School Student. Third Interview - 6 min (2 sessions x 3 minutes each.) up the activities of a sustent typical day Tell or absorbe place held will go, the things held a will do, the people held.
LMC	School sidebte for group, opporation strong address before and after white in the library of any to attend learning of any to attend learning of the property in case the to have access during allzing and relaxing	ASTER School?	Projects with available assistance socialize socialize open an hour after school 3:30 pm.	chool Student. e/she will do, the people he/she will meet.



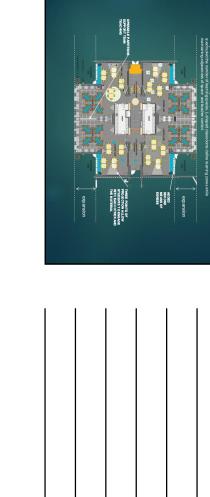




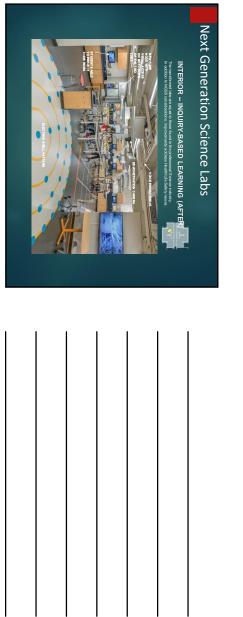


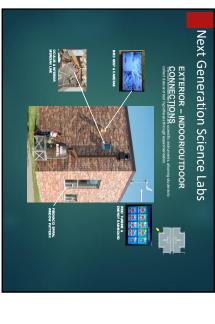


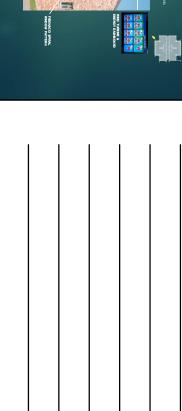




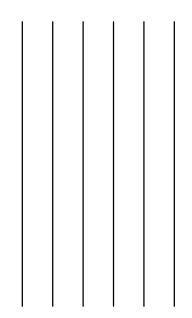








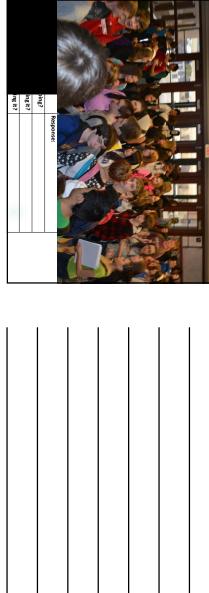






DESIGN THINKING TECHNIQUES Think Pair Share

Why	How	What	DESIGN THINKING TECHNIQUES		enderselburiff (S)	in writing explain your reasoning class discussion as you doodle share your opinion time for tellir	agree to disagree	Have students compare answers in small groups. come to consensus via	THINK - PAIR - SHARI	during class group size = 2 verbally before class group size = 3 or 4 in writing	for 30 seconds turn to your neighbor with the whole class for 1 minute walk across the room with another grounds.	DESIGN THINKING TECHNIQUES
						ss discussion time for telling	board	students to share their with the class. polling software			Ith the whole class with another group	ES





How are they doing it? Why are they doing it?	Question: Response:	

ing?? ing ft?	Response:

	1		1

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ing it?	bing?				
		Response:	6		
			6		

Apply	I Wonder	I Like	<u>Photosort</u>	

•			

FANNING*HOWEY	APPLICATION TO VIKING MIDDLE SCHOOL LINC	ILINE		Tour Review "Lee

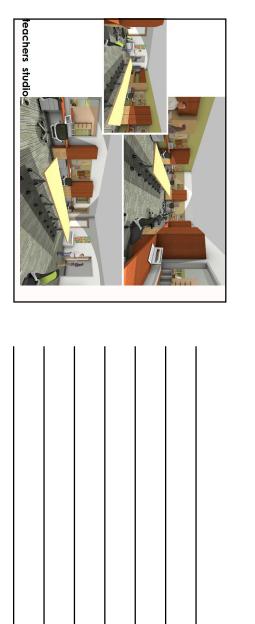
Visioning Preferred Diagram - Critique	י - Plagram - ני	rinque
l like		l wonder
Existing gym Multipurpose Room with Stage drama & Large Group Instruction		Where is function of smart lab/small groups?
Open learning commons thru academic wing		Robotics locations vs. Science
Special needs easy access to all core areas		Can some walls be movable?
Better use of existing spaces/ walls	valls Furniture	
Opened up enlarged great room		36 students in some rooms
Central location in academic wing of student services		MP flexible space? Wall?
Business math adjacent in larger spaces		Where is the class storage?
FANNING HOWEY	•	"Respect, Responsibility, Trust"

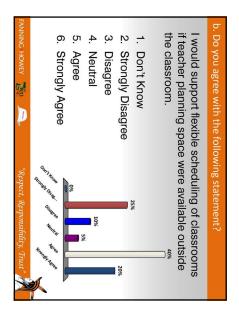
Challenges Lack of 'Row' - space not turbined well spaces: individual and small groups. In addition to passes individual and small groups. In addition to passes individual and small groups. In addition to individuals and small groups. Wheel more interactive with make seasy to meel more interactive with more interactive technology is, add-school east computers/lab uncomfortable. Lead to the seasy to modify the shows space with the seasy to modify. Lead to the seasy to modify. Moveable, comfortable furniture and fiscient shows space. Moveable bookshews. Moveable bookshews. Moveable bookshews. Moveable bookshews. Moveable bookshews. Moveable turbined in modify. Lack of Row - space and small groups. Moveable comfortable furniture in modify. Access to county are said to be used in addition to be redectively in addition to modify. Moveable comfortable furniture in a computer shows a com	RARY – LEARNING & RESEARCH CENTER	<u>Evaluate</u> Challenges Changes	DESIGN THINKING TECHNIQUES

Small Group Flip Charts	DESIGN THINKING TECHNIQUES	DESIGN THINKING CRYSTALIZE Ideate

CHESICONS	- Strange London Services	- Tunegatad iuto DAILY LESSOUS (better access)	-TECHUDLOGY	- AUALYZE -Centone -PROBLEM SOLVE -CHINGHE	-COLLABORATION TALESON TOP COALS	Appendix A – Workshop One – Sample Work 1
(REBECE SERVILL) LUTLUMBO À COLESCRITO). PROLECCENTA PERMIT. ELL IONNICALION.	- BETTER UTILIZATION (AGAIL STAMES) - ERCHART BALGE OFFERINGS -BECHART BALGE OF FEB 15	SPORTS FACILITIES (@ 45) COMMON AREA VASCEDES	FLEMBLE TURASTRUCTURE	PROFESSIONAL DEVELOPMENT TO USE TERMOCOCY /SMICES	Top Cools	sample Work 1

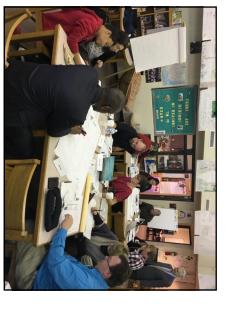
Stickers	TurningPoint	<u>Vote!</u>	DESIGN THINKING CRYSTALIZE



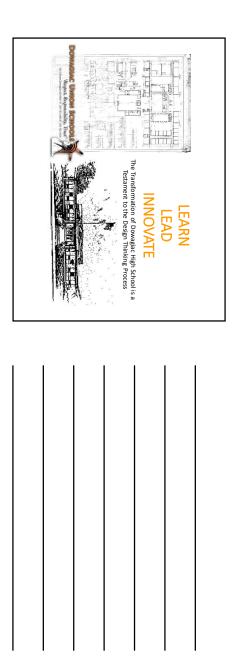


"Respect, Responsibility, Trust"	FANNING HOWEY
Strike of the St	
	Strongly Agree
5% 5% 5%	5. Agree
11%	4. Neutral
	Disagree
	Strongly Disagree
	1. Don't Know
37% 37%	
	learning spaces.
The design of the school should include extended	The design of the scho
llowing statement?	d. Do you agree with the following statement?

DESIGN THINKING TECHNIQUES Design Thinking Bootcamp

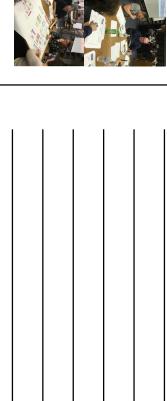


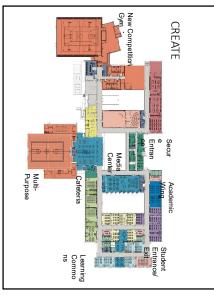


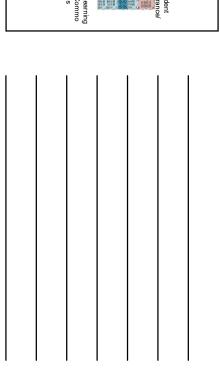


	UNION H	Energy Efficient Artificial Lighting Improved Electrical Power Up to date Technology	TENETS OF BOND Safety and Security Thermal Company light Acress to Nativel light	
	INION HIGH SCHOOL			

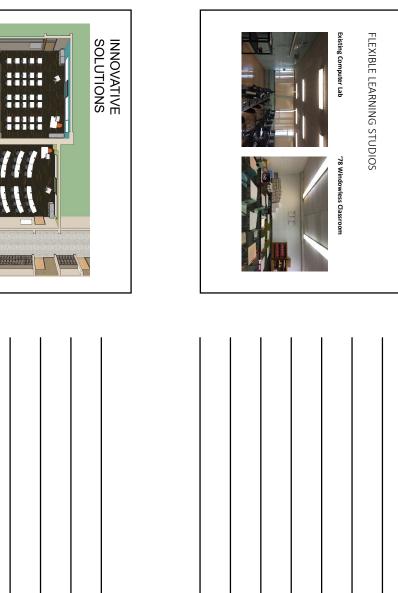


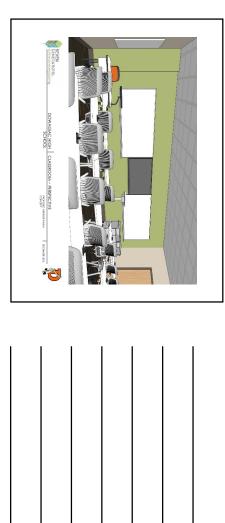


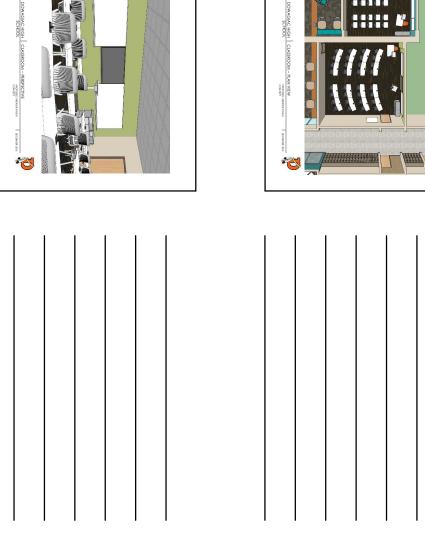


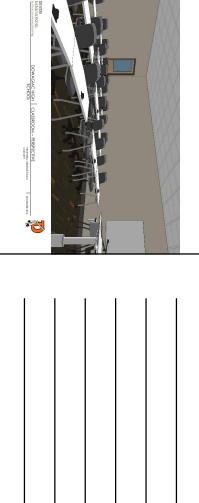


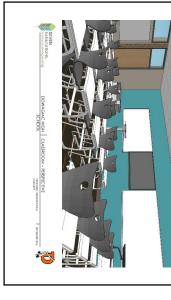


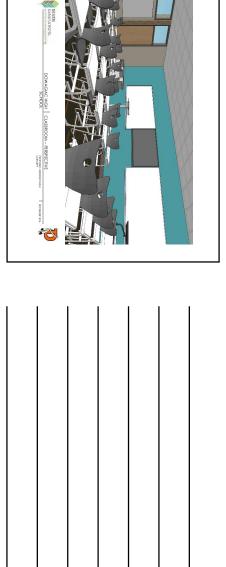


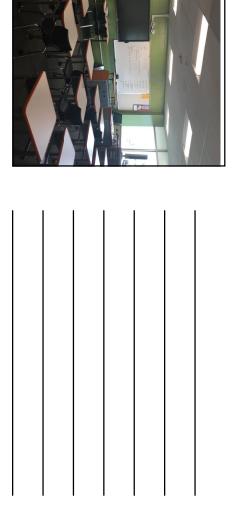


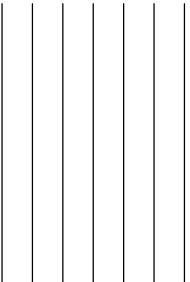






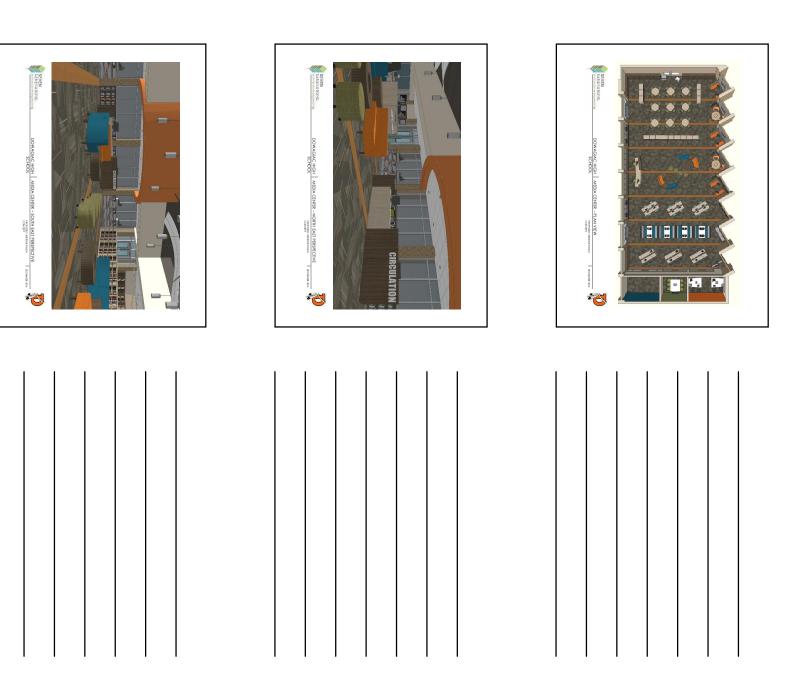


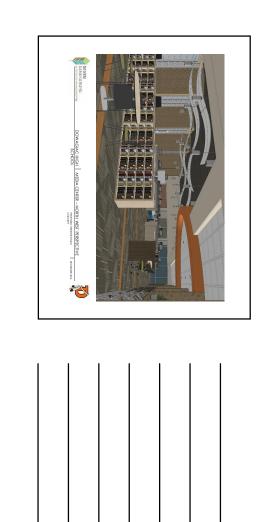


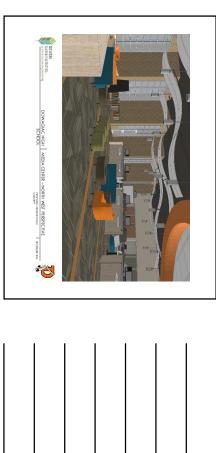


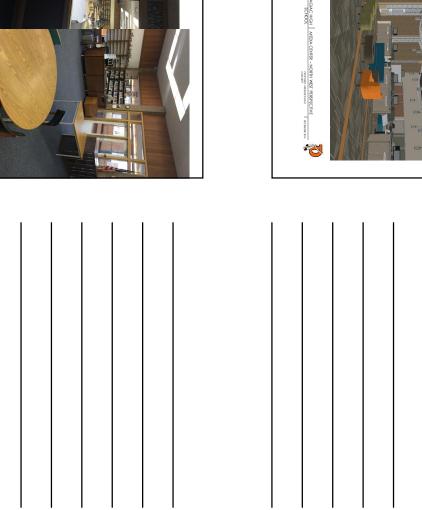
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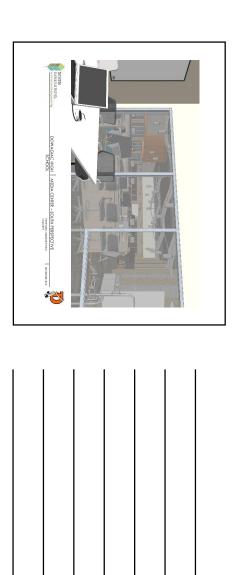




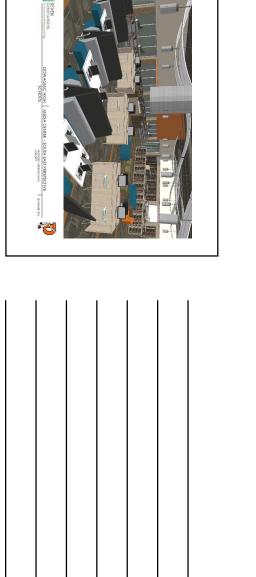


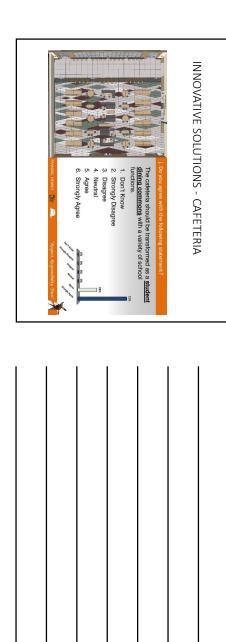


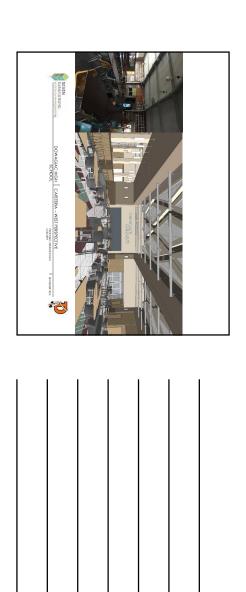


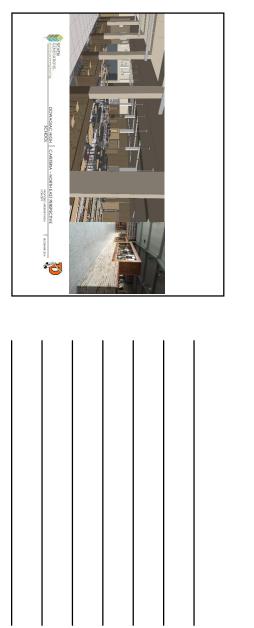




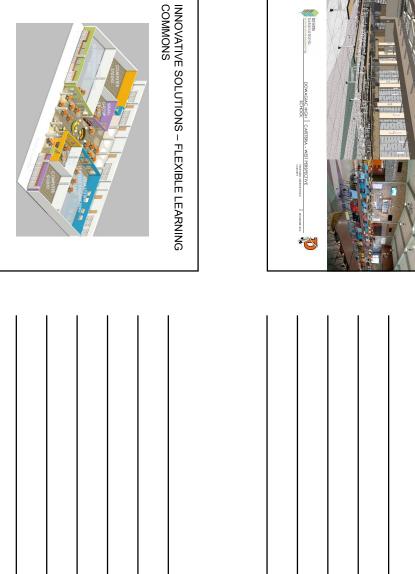


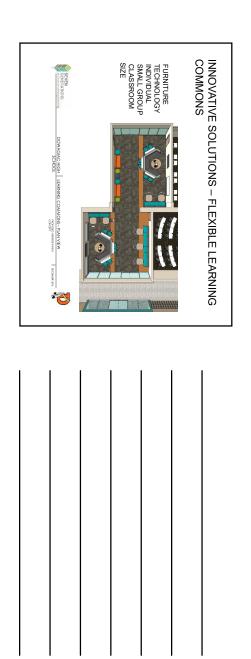




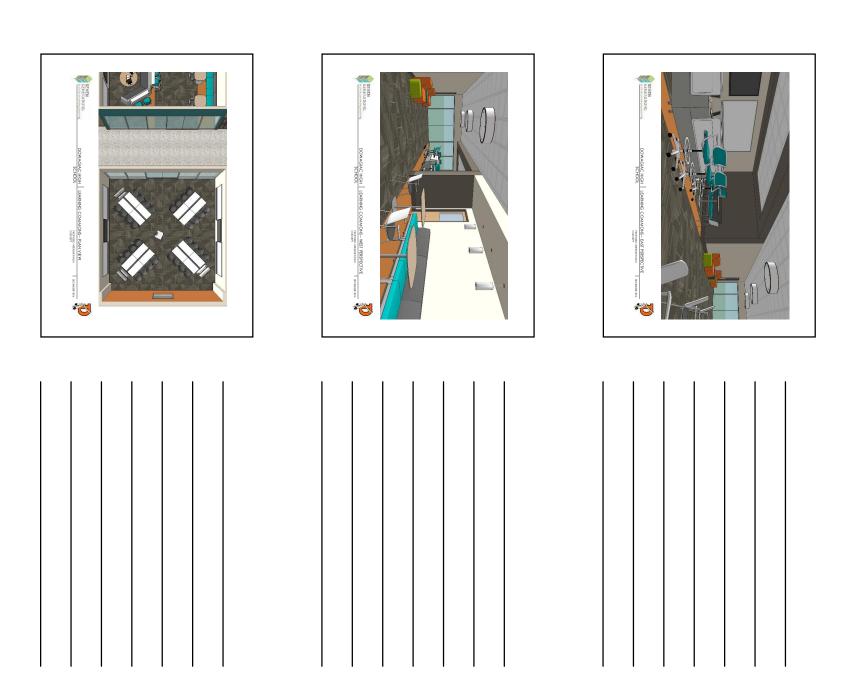




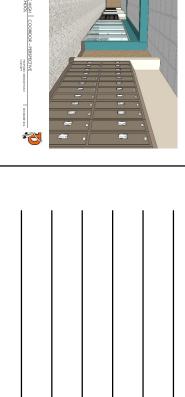












Learning Commons coming spring 2018





It educates

It is fast

DESIGN THINKING BENEFITS

- It builds consensus
- It creates a sense of ownership

Q & A	Thank You!