

## ABSS Math Unit Planning Template

## Introduction:

Grade/Course: 9_12   Discrete Mathematics		Suggested Unit Pacing (# of days): 8 days		
Unit Number and Title: Unit 6 Fair Division		Mathematical Practices		
		P1	Make sense of problems and persevere in solving them.	
Conceptual Overview		P2	Reason abstractly and quantitatively.	
		P3	Construct viable arguments and critique the reasoning of others.	
Essential Understandings		P4	Model with mathematics.	
		P5	Use appropriate tools strategically.	
SCS		P6	Attend to precision.	
		P7	Look for and make use of structure.	
The learner will analyze data and apply probability concepts to solve problems.		P8	Look for and express regularity in repeated reasoning.	
		SCS.9.12.MA.2.03.d	Fair Division.	
Learning Targets	<ul style="list-style-type: none"> <li>Use the estate division algorithm to divide an estate with and without cash</li> <li>Use divider-chooser method to divide one item into fair pieces</li> <li>Divide an item using Lone Divider method</li> <li>Divide an item using Lone Chooser Method</li> <li>Divide an item using Last Diminisher Method</li> <li>Divide a group of items using method of markers</li> </ul>			
Essential Terminology				
Literacy Integration	Literacy Standards	Level	Standard	Standard Name
	Literature Connections			
Technology Integration	Technology Standards	Level	Standard	Standard Name
	Websites			
Assessment	Formative			
	Performance Tasks			
Resources	Summative			
Learning Plan	Instructional Sequence	1- Estate division 2- Divider-chooser method 3- Lone divider method 4- Lone chooser method 5- Last diminisher method 6- Method of markers 7- Review 8- Test		
Differentiation	Remediation			
	Enrichment			