Measuring Area of Parts of Circles and Surface Area
April 1 – 5, 2013

Learning Targets:

LT-1: I can find ways to measure the area of a sector and an annulus of a circle.

LT-2: I know the new vocabulary for 3 dimensional objects.

LT-3: I can find the surface area of prisms, cylinders and pyramids.

Weekly Agenda:

	Whole Class	**Independent Follow up Work**	
Learning Target		***Needs Practice***	***Above & Beyond***
		Fundamentals Review FRa: Calculating the area of a circle FRb: Reducing fractions FRc: Calculations with exponents	
LT-1	WC1a: Area of a sector and an annulus of a circle	NP1a: Sec. 8.5: 9 - 13	AB1a: Advanced Segment, Sector, Annulus Practice AB1b: Baseball Dilemma: Areas of Circles and Sectors
LT–2	WC2a: 3-d Vocabulary listed on Conjecture Sheet.	NP2a. Sec. 8.6: 1 - 3, 6 – 10, 13.	AB2a: Sec. 8.6: 3, 6 – 13.
LT–3	WC3a: Surface Area investigation packet	NP3a: Sec. 8.7: 1 – 4, 6 – 8.	AB3a: Sec. 8.7: 3, 6 – 10. AB3b: Advanced Find the Surface Area

By Monday April 8th, you need to have completed all of the Whole Class assignments and a minimum of one assignment per learning target from either needs practice or above and beyond. If you need to review any of the 3 fundamentals listed above, please include evidence of this work in your contract.

Weekly Calendar

	Monday	**Tuesday**	**Wednesday**	**Thursday**	**Friday**
Agenda	WC1a FRa, FRb, FRc (optional-u pick)	Independent Work Day	WC2a	WC3a	Independent Work Day
Dead-lines		NP1a &/or AB1a &/or AB1b		NP2a &/or AB2a	NP3a &/or AB3a &/or AB3b

Source: Vanessa Brechtling, Niles West High School

Your Name : _____ Period _____

Contract Name: _____

Contract Evaluation

Please check the box and self-evaluate (in the student column) each piece of evidence of learning in this contract that you completed. Assess yourself according to the following scale:

- G = Mastery of learning target. *I could teach it to someone else.*
- Y = Still Practicing. *I am not always confident I can do this correctly.*
- R = Not there yet. *I still need more practice in this area.*

LT-1: I can find ways to measure the area of a sector and an annulus of a circle.

Teacher	*Student*	*Evidence*
_____	_____	☐ FRa: Calculating the area of a circle
_____	_____	☐ FRb: Reducing fractions
_____	_____	☐ FRc: Calculations with exponents
_____	_____	☐ **WC1a: Area of a sector and an annulus of a circle**
_____	_____	☐ NP1a: Sec. 8.5: 9 - 13
_____	_____	☐ AB1a: Advanced Segment, Sector, Annulus Practice
_____	_____	☐ AB1b: Baseball Dilemma: Areas of Circles and Sectors

LT-2: I know the new vocabulary for 3 dimensional objects.

Teacher	*Student*	*Evidence*
_____	_____	☐ **WC2a: 3-d Vocabulary listed on Conjecture Sheet**
_____	_____	☐ NP2a. Sec. 8.6: 1 - 3, 6 – 10, 13
_____	_____	☐ AB2a: Sec. 8.6: 3, 6 – 13

LT-3: I can find the surface area of prisms, cylinders and pyramids.

Teacher	*Student*	*Evidence*
_____	_____	☐ **WC3a: Surface Area investigation packet**
_____	_____	☐ NP3a: Sec. 8.7: 1 – 4, 6 – 8
_____	_____	☐ AB3a: Sec. 8.7: 3, 6 – 10
_____	_____	☐ AB3b: Advanced Find the Surface Area

Overall Contract Evaluation:

Teacher	*Student*	*Evidence*
_____	_____	Number of assignments completed = _____

Source: Vanessa Brechtling, Niles West High School