



2011-2012 MathEdge+ Advanced Content

Purpose: Prepare for MathCounts & AMC Contests

Weekly homework: 20 MathCounts Warmup and Workout problems

2005-2006 (1st semester) and **2006-2007** (2nd semester) MathCounts Handbooks (\$30each)

Course Schedule (subject to change):

Ist Sem	Fri	Sat	Mon	Content	HW Due
1.	9/9/11	9/10/11	9/12/11	Orientation & Assessment	
2.	9/16/11	9/17/11	9/19/11	MathCounts Tool Box	WU-1, 2
3.	9/23/11	9/24/11	9/26/11	Pythagorean Theorem and Triples	WU-3, 4
4.	9/30/11	10/1/11	10/3/11	Angle Relationships	WU-5, 6
5.	10/7/11	10/8/11	10/11/11	Mock#1	WU-7, 8
6.	10/14/11	10/15/11	10/17/11	Contest#1	WU-9, 10
7.	10/21/11	10/22/11	10/24/11	Special Triangles	WU-11, 12
8.	10/28/11	10/29/11	10/31/11	Triangle Inequality	WU-13, 14
9.	11/4/11	11/5/11	11/7/11	Polygons and Parallelograms	WU-15, 16
10.	11/11/11	11/12/11	11/14/11	Mock#2	WU-17
11.	11/18/11	11/19/11	11/21/11	Contest#2	WU-18
Tkgiving	11/25/11	11/26/11	11/28/11	NO class	
12.	12/2/11	12/3/11	12/5/11	Perimeter and Area	WO-1, 2
13.	12/9/11	12/10/11	12/12/11	Circles	WO- 3, 4
14.	12/16/11	12/17/11	12/19/11	Solid Figures	WO- 5, 6
Xmas	12/23/11	12/24/11	12/26/11	NO class	
New Yr	12/30/11	12/31/11	1/2/12	NO class	
15.	1/6/12	1/7/12	1/9/12	Mock#3	WO- 7
16.	1/13/12	1/14/12	1/16/12	Contest#3	WO- 8
17.	1/20/12	1/21/12	1/23/12	Coordinate Geometry	WO- 9
2nd Sem	Fri	Sat	Mon	Content	HW Due
1.	1/27/12	1/28/12	1/30/12	3D Geometry	Stretch#1
2.	2/3/12	2/4/12	2/6/12	Radical Expressions	WU-1, 2
3.	2/10/12	2/11/12	2/13/12	Percentage Change and Mixture	WU-3, 4
Wntr Brk	2/17/12	2/18/12	2/20/12	NO class	NO class
4.	2/24/12	2/25/12	2/27/12	Mock#4	WU-5, 6
5.	3/2/12	3/3/12	3/5/12	Contest#4	WU-7, 8
6.	3/9/12	3/10/12	3/12/12	Factorial	WU-9, 10
7.	3/16/12	3/17/12	3/19/12	Prime Factorization	WU-11, 12
8.	3/23/12	3/24/12	3/26/12	Factoring, number and sum of factors	WU-13, 14
9.	3/30/12	3/31/12	4/2/12	Mock#5	WU-15, 16
10.	4/6/12	4/7/12	4/9/12	Contest#5	WU-17
11.	4/13/12	4/14/12	4/16/12	Number Bases	WU-18
Sp Brk	4/20/12	4/21/12	4/23/12	NO class	NO class
12.	4/27/12	4/28/12	4/30/12	Transformation Stretch	WO-1, 2
13.	5/4/12	5/5/12	5/7/12	Probability	WO- 3, 4
14.	5/11/12	5/12/12	5/14/12	Permutations/combinations	WO- 5, 6
15.	5/18/12	5/19/12	5/21/12	Counting- Pigeonhole Theorem	WO- 7
16.	5/25/12	5/26/12	5/28/12	Statistics	WO- 8
17.	6/1/12	6/2/12	6/4/12	Games and Party	WO- 9

MathEdge



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