

MathEdge 2018-19 MathEdge+ Int 2 (G6+) Content



Purpose: Learn problem solving strategies and prepare for Div M MathOlympiads (MOEMS) contest.

Weekly homework: MathOlympiad Contests Vol 2" (\$50) + DP7binder (\$20)

| 1st Sem | Fri | Content | MO v2 Due | DP7 Due (1pg) |
|---------------------|---------------------|--------------------------------------|--------------|---------------|
| 1. | 9/7/18 | Orientation & Assessment | | |
| 2. | 9/14/18 | Why think Logically | S1#1, S1#2 | DP1 & WP 1 |
| 3. | 9/21/18 | Draw picture or Diagram | S1#3, S1#4 | DP2 & WP 2 |
| 4. | 9/28/18 | Making a table | S1#5, S2#1 | DP3 & WP 3 |
| 5. | 10/5/18 | Organized list | S2#2, S2#3 | DP4 & WP 4 |
| 6. | 10/12/18 | Find pattern | S2#4, S2#5 | DP5 & WP5 |
| 1. | 10/19/18 | Work backwards | S3#1, S3#2 | DP6 & WP6 |
| 2. | 10/26/18 | Guess & Check or Trial and Error | S3#3, S3#4 | DP7 & WP7 |
| 3. | 11/2/18 | Using deduction | S3#5, S4#1 | DP8 & WP8 |
| 4. | 11/9/18 | Mock#1 | S4#2, S4#3 | DP9 & WP9 |
| 5. | 11/16/18 | Contest#1(11/14/12) | S4#4, S4#5 | DP10 & WP10 |
| Tkgiving | 11/23/18 | NO class | NO class | NO class |
| 6. | 11/30/18 | Venn Diagram | S5#1, S5#2 | DP11 & WP11 |
| 7. | 12/7/18 | Mock#2 | S5#3, S5#4 | DP12 & WP12 |
| 8. | 12/14/18 | Contest#2 (12/12/12) | S5#5, S6#1 | DP13 & WP13 |
| 9. | 12/21/18 | Mock#3 | S6#2, S6#3 | DP14 & WP14 |
| Xmas | 12/28/18 | NO class | NO class | NO class |
| New Yr | 1/4/19 | NO class | NO class | NO class |
| 10. | 1/11/19 | Contest#3 (1/9/13) | S6#4, S6#5 | DP15 & WP15 |
| 11. | 1/18/19 | Writing Equation and Simple Algebra | S7#1, S7#2 | DP16 & WP16 |
| 2 nd Sem | Sat | Content | MO v2 Due | DP7 Due (1pg) |
| 1. | 1/25/19 | Face painted in Cube | S7#3, S7#4 | DP17 & WP17 |
| 2. | 2/1/19 | Mock#4 | S7#5, S8#1 | DP18 & WP18 |
| 3. | 2/8/19 | Contest#4 (2/13/13) | S8#2, S8#3 | DP19 & WP19 |
| Wntr Brk | 2/15/19 | Practical Math and Percent stretch | S8#4, S8#5 | DP20 & WP20 |
| 4. | 2/22/19 | NO class | NO class | NO class |
| 5. | 3/1/19 | Rates and Motion | S9#1, S9#2 | DP21 & WP21 |
| 6. | 3/8/19 | Mock#5 | S9#3, S9#4 | DP22 & WP22 |
| 7. | 3/15/19 | Contest#5 (3/13/13) | S9#5, S10#1 | DP23 & WP23 |
| 8. | 3/22/19 | Complex Fraction | S10#2, S10#3 | DP24 & WP24 |
| 9. | 3/29/19 | 2D Geometry | S10#4, S10#5 | DP25 & WP25 |
| 10. | 4/5/19 | Contest#6 | S11#1, S11#2 | DP26 & WP26 |
| Sp Brk | 4/12/19 | 3D Geometry | S11#3, S11#4 | DP27 & WP27 |
| 11. | 4/19/19 | NO class | NO class | NO class |
| 12. | 4/26/19 | Statistics | S11#5, S12#1 | DP28 & WP28 |
| 13. | 5/3/19 | Perfect Numbers | S12#2, S12#3 | DP29 & WP29 |
| 14. | 5/10/19 | Clock Arithmetic and Remainder Probs | S12#4, S12#5 | DP30 & WP30 |
| 15. | 5/17/19 | Cryptarithms | S13#1, S13#2 | DP31 & WP31 |
| 16. | 5/24/19 | Sequences and Series | S13#3, S13#4 | DP32 & WP32 |
| 17. | 5/31/19 | Games and Party | S13#5, S14#1 | DP33 & WP33 |

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9/11/2012

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