

Daily Agenda for Non-Test Day

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| Introduction<br>10 minutes           | Attendance, Objectives, Picture of the Day  |
| Random Math Problem #1<br>15 minutes | Pick a <b>random math problem</b> for students to work on, typically unrelated to the material being presented. Topics can include basic area, rates, ratios, pattern recognition, etc.   |
| Review<br>15 minutes                 | A <b>teacher-led review</b> of the previous day's material. A quick rundown of the theory, followed by worked examples.   |
| Quizizz Review<br>20 minutes         | A <b>10 question Quizizz</b> review test done either at student's own pace or as a class. A prize given to the top 3 finishers from the Bag-o-candy.  |
| Direct Instruction<br>15 minutes     | The <b>first presentation</b> of new material for the day.  |
| Level 1 Practice<br>15 minutes       | Students will try level 1 problems typically from the <b>textbook or worksheet</b> .  |
| Break<br>15 minutes                  | <b>Morning Break</b>  |
| Level 2 Practice<br>20 minutes       | Students will work on a longer form practice of the material. This will typically be a <b>practice performance task</b> or series of more difficult questions.  |
| Compass Time!<br>20 minutes          | Each day, students will take time to work on either a <b>new construction</b> using a <b>compass and straightedge</b> or they will use the constructions they know to complete a new construction on the computer <b>using Geogebra</b> . |
| Direct Instruction<br>15 minutes     | The <b>second presentation</b> of new material for the day.   |
| Level 1 Practice<br>15 minutes       | Students will try level 1 problems typically from the <b>textbook or worksheet</b> .  |
| Lunch<br>30 minutes                  | <b>Lunch</b>  |

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| Level 2 Practice<br>20 minutes   | Students will work on a longer form practice of the material. This will typically be a <b>practice performance task</b> or series of more difficult questions.  |
| Daily Quiz<br>20 minutes         | The <b>daily quiz</b> will cover the two topics presented during the first half of class on this day. The quiz is summative in nature and will be input for a grade.  |
| Daily Challenge<br>20 minutes    | The <b>daily challenge</b> is an activity focused on engaging students in cooperative learning, exploration, and hands-on creation. These projects may be related to the material presented but are often meant to highlight other concepts.  |
| Direct Instruction<br>15 minutes | The <b>third presentation</b> of new material for the day.  |
| Level 1 Practice<br>15 minutes   | Students will try level 1 problems typically from the <b>textbook or worksheet</b> .  |
| Break<br>15 minutes              | <b>Afternoon Break</b>  |
| Level 2 Practice<br>20 minutes   | Students will work on a longer form practice of the material. This will typically be a <b>practice performance task</b> or series of more difficult questions.  |
| Impossible Problem<br>20 minutes | The " <b>impossible</b> " <b>problem</b> of the day focuses on geometric problems which utilize the mathematical concepts presented that day. The problems require a higher order of thinking and the focus is on process over product.       |
| Direct Instruction<br>15 minutes | The <b>final presentation</b> of new material for the day.  |
| Level 1 Practice<br>15 minutes   | Students will try level 1 problems typically from the <b>textbook or worksheet</b> .  |
| Level 2 Practice<br>20 minutes   | Students will work on a longer form practice of the material. This will typically be a <b>practice performance task</b> or series of more difficult questions.  |
| Math Pickle!<br>30 minutes       | Students will engage in a <b>long-form puzzle/problem</b> from the website <a href="http://mathpickle.com">mathpickle.com</a> . These problems will be presented to class as a whole and then students will work cooperatively to solve them. |