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| Name:<br>Mrs. Woods |        | Grading Quarter:<br>2                                                                                                                                                                                                                                                                                                                                                      | Week Beginning:<br>11/13/23                                                                                                                |
| School Year: 23-24  |        | Subject: MAT 142                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                            |
| Monday              | Notes: | <p>Objective: Students will be able to calculate probability for simulations.</p> <p>Lesson Overview:<br/>Notes – making a basketball shot example, left-handed student in a classroom example, etc.<br/>Matching birthdays experiment – students will go to classrooms around the school and discover instances of matching birthdays. Probability will be about 50%.</p> | <p>Academic Standards:</p> <p>NPC.CO7. Compute Probabilities for Independent, Dependent, Mutually Exclusive, and Non-Exclusive Events.</p> |
| Tuesday             | Notes: | <p>Objective: Students will be able to calculate probability of “at least one” occurrence.</p> <p>Lesson Overview:<br/>Notes – “At least one” formula with examples of where this applies. Practice problems with at least one success vs at least one failure.</p>                                                                                                        | <p>Academic Standards:</p> <p>NPC.CO7. Compute Probabilities for Independent, Dependent, Mutually Exclusive, and Non-Exclusive Events.</p> |
| Wednesday           | Notes: | <p>Objective: Students will be able to show mastery of unit concepts on the unit review.</p> <p>Lesson Overview:<br/><br/>Independent review day</p>                                                                                                                                                                                                                       | <p>Academic Standards:</p> <p>NPC.CO7. Compute Probabilities for Independent, Dependent, Mutually Exclusive, and Non-Exclusive Events.</p> |
| Thursday            | Notes: | <p>Objective: Students will be able to show mastery of unit concepts on the unit review.</p> <p>Lesson Overview:<br/><br/>Canvas assignment review day</p>                                                                                                                                                                                                                 | <p>Academic Standards:</p> <p>NPC.CO7. Compute Probabilities for Independent, Dependent, Mutually Exclusive, and Non-Exclusive Events.</p> |
| Friday              | Notes: | <p>Objective: Students will be able to show mastery of unit concepts on the unit test.</p> <p>Lesson Overview:<br/>Students will take the Unit 6 test.</p>                                                                                                                                                                                                                 | <p>Academic Standards:</p> <p>NPC.CO7. Compute Probabilities for Independent, Dependent, Mutually Exclusive, and Non-Exclusive Events.</p> |

