**Westside High School - Weekly Plan to Align Lessons (Week At a Glance) – SY 24-25 Subject: Math Course: Geometry Grade: 9th – 12th Date(s): 03/24/2025 – 03/28/2025**

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| **Standard:** G.GSR.8.1**Assessment:** ☐ **Quiz** ☐ **Unit Test** ☐ **Project** ☐ **Lab** ☐ **None*** **IF STUDENT IS ABSENT, PLEASE CONTACT TEACHER AND CHECK CANVAS FOR MISSING WORK**
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|  | **Pre-Teaching  Learning Target  Success Criteria 1**  **Success Criteria 2** | **Activation of** **Learning** *(5 min)* | **Focused** **Instruction** *(10 min)* ***\*I DO*** | **Guided Instruction** *(10 min)* ***\*WE DO*** | **Collaborative** **Learning** *(10 min)* ***\*Y’ALL DO*** | **Independent** **Learning** *(10 min)* ***\*YOU DO*** | **Closing** *(5 min)* |
| • Do Now• Quick Write\* • Think/Pair/Share • Polls • Notice/Wonder • Number Talks • Engaging Video • Open-Ended Question | • Think Aloud• Visuals • Demonstration • Analogies\* • Worked Examples • Nearpod Activity • Mnemonic Devices\* | • Socratic Seminar \*• Call/Response • Probing Questions • Graphic Organizer • Nearpod Activity • Digital Whiteboard | • Jigsaw\*• Discussions\* • Expert Groups • Labs • Stations • Think/Pair/Share • Create Visuals • Gallery Walk | • Written Response\*• Digital Portfolio • Presentation • Canvas Assignment • Choice Board • Independent Project • Portfolio | • Group Discussion• Exit Ticket • 3-2-1 • Parking Lot • Journaling\* • Nearpod |
| **Monday** | I am going to understand and apply the concepts of factorials, permutations, and combinations to solve problems involving counting and determine when to use each method based on whether order matters of not.I can understand and apply the concepts of factorials, permutations, and combinations to solve problems involving counting and determine when to use each method based on whether order matters of not. | Warm up – Quizizz – simple probability | Guided Notes – Factorials, Permutations, and Combinations | Assigned Problems from notes handout to probe questions | Think Pair Share on problems assigned from Teacher, compare steps and answer. | Independent Practice – Complete Questions on Notes Page | ☒ **Exit Ticket – What was** **challenging to** **you in this** **lesson ?** |
| **Tuesday** | I am going to understand and apply the concepts of factorials, permutations, and combinations to solve problems involving counting and determine when to use each method based on whether order matters of not.I can understand and apply the concepts of factorials, permutations, and combinations to solve problems involving counting and determine when to use each method based on whether order matters of not. | Warm up – Factorials |  | Assigned Problems from review handout to probe questions | Think Pair Share on problems assigned from Teacher, compare steps and answer. | Independent Practice – Complete Questions on handout Page | ☒ **Exit Ticket – What was** **challenging to** **you in this** **review ?** |
| **Wednesday** | I am going calculate the expected value of a discrete random variable and apply it to real life situations involving probability.I can calculate the expected value of a discrete random variable and apply it to real life situations involving probability. | Warm up – Two Way Table | Notes Permutations, Factorials, and Combinations | Assigned Problems from notes handout to probe questions | Think Pair Share on problems assigned from Teacher, compare steps and answer. | Independent Practice – Complete Questions on Notes | ☒ **Exit Ticket – What was** **challenging to** **you in this** **lesson ?** |
| **Thursday** | I am going calculate the expected value of a discrete random variable and apply it to real life situations involving probability.I can calculate the expected value of a discrete random variable and apply it to real life situations involving probability. | Warm up – factorials, permutations, and combinations | **Guided Notes – Expected Values** | Assigned Problems from no handout to probe questions | Think Pair Share on problems assigned from Teacher, compare steps and answer. | Independent Practice – Complete Questions on Notes | ☒ **Exit Ticket – What was** **challenging to** **you in this** **lesson ?** |
| **Friday** | I am review concepts from this weekI can master concepts from this week | Warm up – Review  | **PROBABILITY Task** | Independent Practice – Complete Questions on Handout | ☒ **Exit Ticket – What was** **challenging to** **you in this** **task ?** |

*\*key literacy strategies*