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| **Standard**  **MGSE9–12.F.IF.**7a: Graph linear functions and show intercepts and slope. **MGSE9–12.F.BF.1**: Write functions that describe relationships between quantities. **MGSE9–12.A.CED.2**: Create equations in two variables to represent relationships and graph them.**Assessment:**  [ ]   **Quiz ☐ Unit Test ☐ Project ☐ Lab ☐ None**  [x]   **Exit Ticket**  |
|  | **Pre-Teaching***C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp* **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
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| **Monday** | LT: I can identify slope and intercept in a linear equation. SC1: I can explain slope as rate of change. SC2: I can locate y-intercept on a graph. | **Quick Write** – “Where have you seen straight lines in real life?” | **Think-Aloud Modeling** – Teacher graphs y = 3x + 2 step by step. | **Graphic Organizer (Guided)** – Fill slope-intercept form chart together. |  | **Worked Examples** – Graph 3 equations from slope-intercept form. | **Peer Debrief** – “What part of word problems is most challenging?” |
| **Tuesday** | LT: I can write linear equations from a table or graph. SC1: I can find slope from data points. SC2: I can use slope & intercept to write the equation. | **Do Now** – Problem: gym charges $10 + $5 per visit. Identify slope & intercept. | **Direct Instruction (EDI)** – Teacher shows how to write equation from a graph (find slope, intercept). | **Guided notes:** students write equation from prompting and cueing | **Team Problem Solving** – Groups write equations from 2 graphs and share reasoning. | **Error Analysis** – Students fix a sample mistake in equation writing. | Error Analysis – Students fix a sample mistake in equation writing as an exit ticket |
| **Wednesday** | **LT:** I can write linear equations from word problems. **SC1:** I can identify slope and intercept from context. **SC2:** I can write equations that model real-world situations | **Notice/Wonder** – Word problem: taxi fare $3 + $2 per mile. |  |  | **Jigsaw Strategy** – Groups solve different real-world problems, then teach solutions. |  | **3-2-1 Summary** – 3 things learned, 2 examples, 1 question. |
| **Thursday** | **LT:** I can graph equations written from word problems. **SC1:** I can represent word problems with graphs. **SC2:** I can interpret intercepts and slope in context. | **KWL Chart (Review)** – Reflect on what was learned about equations & graphs. |  |  | **Reciprocal Teaching** – Groups take roles while working through an example table → equation. | **Worked Examples** – Graph 3 equations from slope-intercept form. |  |
| **Friday** | **LT:** I can apply graphing and equation-writing skills to solve real-world problems. **SC1:** I can analyze word problems and write equations. **SC2:** I can graph equations and explain meaning of slope/intercept. | Quick Q and A before assessment  |  |  |  | Complete assessment on graphing linear equations | Submit assessment  |

*\*key literacy strategies*