**7(3) NUMBER into ALGEBRA**

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| **Title** | To start to link linear expressions to linear graphs. |
| **Hours** | 1  |
| **Aims** | * Representing a linear sequence using diagrams
* Representing a linear sequence with a term to term rule.
* Representing a linear sequence with an nth term rule.
* Representing a linear sequence with a graph.
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| **Pedagogy** | * Fluency
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| **Activity****(details)** | StarterAsk pupils to represent the sequence in different ways, follow up with a class discussion which leads into an explanation of how to complete the task.Main ActivityPupils to represent their chosen sequence in different ways, including as a graph.PlenaryUsing mini whiteboards as tool for whole class AfL, ask pupils to answer the probing questions, class discussion to address any misconceptions. |
| **>H** | **To represent quadratic sequences graphically.** |
| **H** | To describe a linear sequence using a position to term rule / nth term rule and to represent a linear sequence as a graph. |
| **M** | **To describe a linear sequence using a term to term rule and to represent the sequence as a graph.** |
| **L** | **To be able to represent a linear sequence using diagrams and using a term to term rule.** |
| **<L** | Be able to represent a linear sequence using diagrams. |