**TRANSFORMATIONAL GEOMETRY TREASURE MAP TASK**

Our school field is essentially a giant rectangle. I have superimposed a coordinate grid atop our field for you! Bury your “treasure” for another group to find.

**SUCCESS CRITERIA**

* Use compass rose words (e.g.: North) throughout the paragraph
* Mention a specific starting location (e.g.: A1)
* Include updated locations after every movement (e.g.: You will now be at A5)
* Include at least one instance of a translation
* Include at least one instance of a rotation around an invisible cyclone of wind. State where the cyclone is located and where the group will land.
* Include at least one instance of reflection over a “booby trap” snake pit that you have created. State where the snake pit starts and where it ends.
* A specific ending location (e.g.: B6)
* A specific description of where the treasure can be found within the rectangular end location

**A close up of a clock

Description automatically generated**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **10** |  |  |  |  |  |  |  |  |  |  |
| **9** |  |  |  |  |  |  |  |  |  |  |
| **8** |  |  |  |  |  |  |  |  |  |  |
| **7** |  |  |  |  |  |  |  |  |  |  |
| **6** |  |  |  |  |  |  |  |  |  |  |
| **5** |  |  |  |  |  |  |  |  |  |  |
| **4** |  |  |  |  |  |  |  |  |  |  |
| **3** |  |  |  |  |  |  |  |  |  |  |
| **2** |  |  |  |  |  |  |  |  |  |  |
| **1** |  |  |  |  |  |  |  |  |  |  |
|  | **A** | **B** | **C** | **D** | **E** | **F** | **G** | **H** | **I** | **J** |

**Basketball Hoops**

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