**Maths:** Designing a game of chance Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Form: \_\_\_\_

Ask a peer to assess your game and circle the appropriate assessment in each row below:

|  |  |  |  |
| --- | --- | --- | --- |
| **CRITERIA**  ***Have you…*** | **Well Done!**  **(3 marks)** | **On Track**  **(2 marks)** | **Needs Improvement**  **(1 mark)** |
| ***…described the theoretical probability of the chance generator?*** | Described the sample space of the chosen chance generator. Use Pr()= notation and two way tables or tree diagrams | Described the chance element of the game using Pr() notation | Described the chance element of the game inaccurately or with missing information |
| ***…explained why the game is fair?*** | Described why the game is fair to all players, using theoretical probability | Described fairness using verbal descriptions only | Did not describe why the game is fair in a meaningful way |
| ***…included instructions on how to play?*** | Included clear rules covering all possible in-game situations | Included rules covering most situations | Rules do not cover most situations or are difficult to follow |
| ***…played the game and recorded the outcomes?*** | Recorded outcomes of 3+ games and relate to theoretical probability | Recorded outcomes of at least 3 games | Recorded outcome of a game |
| ***…shown creativity and made it fun?* (BONUS)** | Created own game idea with novel theme or setting | Created own game idea | Used an existing game |

**Maths:** Designing a game of chance Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Form: \_\_\_\_

Ask a peer to assess your game and circle the appropriate assessment in each row below:

|  |  |  |  |
| --- | --- | --- | --- |
| **CRITERIA**  ***Have you…*** | **Well Done!**  **(3 marks)** | **On Track**  **(2 marks)** | **Needs Improvement**  **(1 mark)** |
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