

Student's Name: _____ **Teacher:** _____

Subject: Mathematics

Year 9 **Date set: 3rd January** **Deadline for handing in: 13th January**

Project title: Board Game Design (Extended)

Your task is to design and make a board game for 4 people.
The playing board is restricted to an A4 piece of card
Only 12 grid spaces are allowed.
If you wish you can incorporate dice and/or counters
A poster will be displayed on the maths corridor

You will need to

- Design your game
- Construct your game
- Write a clear set of instructions
- Trial your game and evaluate
- Submit all of the above

I want to see:

	Checklist
Use of technical words	Yes
Logical structure	Yes
Clear presentation	Yes
Good subject content	Yes
Effective Literacy	Yes
Evidence of research	Yes

Useful Resources:

- *Try typing 'board game strategies' or 'board game design' into a search engine – you may find some useful hints or tips*
- *Why not look through the instructions to Monopoly?*

Extra things you could do:

- *Theme your board game? For example Harry Potter or FIFA*
- *'Box it up'*
- *Think about statistical reasoning*
- *Find out if your chances improve if you go first.*

**THIS SHEET AND YOUR EVALUATION SHEET MUST BE ATTACHED TO
YOUR PROJECT WHEN YOU HAND IT IN**

Success Criteria:

Level	Level Description
8a/b/c	<p>Pupils should submit a complex game designed within the task boundaries</p> <ul style="list-style-type: none">• an additional element of individuality or a unique approach to game design• organised and clear set of instructions and the aim displayed• show a real insight into the strategic structure of the game• the game has been triated and modifications applied to refine the game.• show a variety of mathematical solutions including statistical forms• Use appropriate vocabulary to explain any conclusions• examples and calculations presented clearly using effective literacy skills• research should be clearly referenced• pupils make progress through examination of solutions reached and through commenting constructively on the reasoning or logic employed when designing or refining the game
7a/b/c	<p>Pupils should submit a complex game designed within the task boundaries</p> <ul style="list-style-type: none">• an additional element of individuality or a unique approach to game design• organised and clear set of instructions and the aim displayed• show a real insight into the strategic structure of the game• the game has been triated and modifications applied to refine the game.• show a variety of mathematical forms when presenting understanding• Use appropriate vocabulary to explain any conclusions• examples and calculations presented clearly using effective literacy skills• research should be clearly referenced
6a	<p>Pupils should submit a complex game designed within the task boundaries</p> <ul style="list-style-type: none">• a variety of resources used• aim of the game must be clearly displayed• organised and clear set of instructions• may incorporate an element of strategic thinking• evidence the game has been triated.• show a variety of mathematical forms when presenting understanding• Use appropriate vocabulary to explain any conclusions• examples and calculations presented clearly using effective literacy skills• research should be clearly referenced
6b	<p>Pupils should submit a complex game designed within the task boundaries</p> <ul style="list-style-type: none">• a variety of resources used• aim of the game must be clearly displayed• organised and clear set of instructions• may incorporate an element of strategic thinking• evidence the game has been triated.• show a variety of mathematical forms when presenting understanding• Use appropriate vocabulary to explain any interpretations• examples and calculations presented clearly using effective literacy skills.
6c	<p>Pupils should submit a complex game designed within the task boundaries</p> <ul style="list-style-type: none">• a variety of resources used• aim of the game must be clearly displayed• organised and clear set of instructions• may incorporate an element of strategic thinking• evidence the game has been triated.• show a variety of mathematical forms when presenting understanding• Use appropriate vocabulary to explain any interpretations

