Agile Battleships - Instructions

Introduction

This is a quick and fun way to illustrate an iterative way of working. You need:







Round 1

2 Fleet sheet Round 2



2 Fleet sheet Round 3



2 pens

How to play

The game is played in 3 rounds. Each round has different attack rules illustrating different levels of planning ahead and iterating.

- Create 2 teams. Give them a pen each. They're about to sink each other's ships!
- Hand each team Fleet sheet: Round 1.
 Let them first deploy their fleet and then follow the attack rules.
- Hand each team Fleet sheet: Round 2.
 Let them first deploy their fleet and then follow the attack rules.
- Hand each team Fleet sheet: Round 3.
 Let them first deploy their fleet and then follow the attack rules.
- 5. Take some time to **discuss** what you've learned!

Deployment rules

- No diagonal placement
- No overlapping ships

Discussion suggestions

- * Which round got the best score?
 Reality is often closest to what happens
 in Round 2, some planning is needed.
 Striving towards Round 3, as iterative as possible, is being agile.
- * Can you relate this to reality?

 This is where you can draw parallels to an iterative way of working. The iterative strategy of Team B is more likely to completely sink ships (think completed features/deliverables).
- * Is there any situation where the strategy of Team A is actually the best?

 Planning everything ahead doesn't work unless you know everything ahead of time, and how often do we really know everything?
- * Did Round 1 perform better?

 Sooner or later you'll get lucky guessing.

 Does that feel like a good way to plan your work?

Scoring Team Red

| | Round 1 | Round 2 | Round 3 |
|------------|---------|---------|---------|
| Hits | | | |
| Ships sunk | | | |

Scoring Team Blue

| | Round 1 | Round 2 | Round 3 |
|------------|---------|---------|---------|
| Hits | | | |
| Ships sunk | | | |





Fleet sheet: Round

Your fleet

| | Α | В | С | D | E | F | G | Н |
|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | |
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| 7 | | | | | | | | |
| 8 | | | | | | | | |

1. Deploy your fleet

A fleet consists of 5 ships:

| Туре | Size |
|------------------|------|
| Aircraft carrier | 5 |
| Battleship | 4 |
| Cruiser | 3 |
| Submarine | 3 |
| Destroyer | 2 |

| | Α | В | С | D | Е | F | G | Н |
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Attack their fleet

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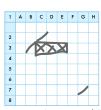
Fold to hide your fleet from the other team!

2. Battle

Each team attacks 1 time. Each attack hits 30 boxes.

- A. Both teams plan the attack marking 30 targets in the grid to the left.
- B. Take turns with the other team to see if your attacks hit their ships.

 For each coordinate, eg "B5" they reply with one of: Hit/Miss/Ship sunk (a ship is sunk when all its boxes have been hit)
- C. Note your score on the score board



✓ Hit
✓ Miss

Ship sunk





Fleet sheet: Round



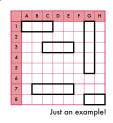
Your fleet

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Attack their fleet

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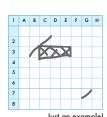
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Your fleet

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Attack their fleet

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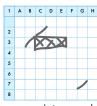
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✓ Hit
/ Miss
Ship sunk





Fleet sheet: Round



Your fleet

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| Just an example! | | | | | | | | | |



Attack their fleet

| | Α | В | С | D | Е | F | G | Н |
|---|---|---|---|---|---|---|---|---|
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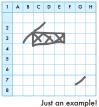
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✓ Hit

✓ Miss

Ship sunk





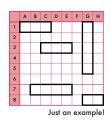
Your fleet

| | Α | В | С | D | E | F | G | Н |
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1. Deploy your fleet

A fleet consists of 5 ships:

| Si |
|----|
| 5 |
| 4 |
| 3 |
| 3 |
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Attack their fleet

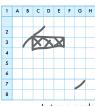
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2. Battle

Each team attacks **30 times**. Each attack hits **1 box**.

- A. One team plans an attack marking 1 target in the grid to the left.
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Just an example

X Hit

/ Miss
Ship sunk





Your fleet

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Attack their fleet

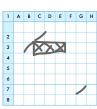
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