

The Hateful Eight - How long do they last in the sea?

How to Play:

Presented are **eight** usual suspects that are commonly found on our beaches. The aim of the game is to correctly guess how long each item takes to break up into small pieces when in the sea.

The game can be played individually or in groups. Cut out the individual time period cards and pictures provided (or real items - unused and clean!). Then, match the items and time periods together based on how long they take to break up into small pieces in the sea.

Tip: Certain items take the same amount of time to break up... and be careful, some may last a lot longer than you think!

“Hateful Eight” Suspects

- 1) Cardboard Box
- 2) Plastic Bag
- 3) Styrofoam Cup
- 4) Aluminium Can
- 5) Plastic Beverage Holder
- 6) Plastic Bottle
- 7) Nappy
- 8) Fishing Line

- 10 - 20 years
- 600 - 1000 years
- 2 months
- 450 years
- 50 years
- 200 years
- 450 years
- 400 years



Things to consider:

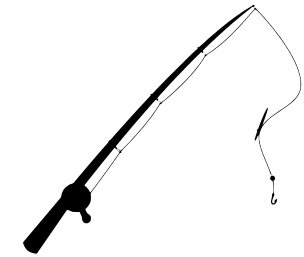
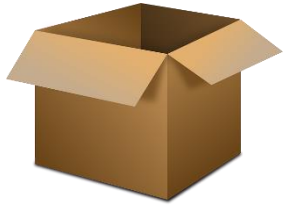
- What material is the item made of?
- What effect does sea water have on these materials?
- Will the item sink or float?
- What could affect the item if it sinks or floats? (e.g. waves, sunlight, sand/rocks etc.)

The answers are below – Please keep these hidden from all players!

Answers:

- Cardboard box: 2 months
- Plastic bag: 10-20 years
- Styrofoam cup: 50 years
- Aluminium Can: 200 years
- Plastic beverage holder: 400
- Plastic bottle: 450
- Nappy: 450
- Fishing line: 600 - 1000

Please turn over



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600 - 1000 years

2 months

450 years

50 years

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450 years

400 years