June 8 is World Oceans Day. People celebrate helping oceans on this day.

Oceans around the world are full of trash. An inventor is working to clean up oceans.
The inventor is Boyan Slat. He is from the Netherlands.

Boyan started a group called The Ocean Cleanup™.

The Ocean Cleanup studies the problem of trash in oceans. Trash in oceans can hurt ocean life.
The Ocean Cleanup makes inventions to clean up oceans. One invention collects trash in oceans.

Most trash in oceans is plastic. The plastic includes old grocery bags and straws.

The Ocean Cleanup recycles the plastic to make new things.
Most trash in oceans is from rivers.

Many rivers flow into oceans. The trash in rivers flows into oceans too.

The Ocean Cleanup announced a new invention in 2019.* This invention collects trash in rivers.

* This invention is called The Interceptor™.
The new invention looks like a boat. The invention floats on a river.

The invention uses energy from the Sun.

The energy moves a conveyor belt on the invention. The conveyor belt scoops trash out of the river.
The trash goes up the conveyor belt. The trash goes into dumpsters inside the invention.

The invention has a computer.

Workers get a message when the dumpsters are full. Workers empty the dumpsters and sort the trash.
Inventions are in four rivers now.

The rivers are in Indonesia, Malaysia, Vietnam and the Dominican Republic.

The Ocean Cleanup has a goal. They want to put inventions into 1,000 rivers!
The 1,000 rivers are around the world. These rivers are full of trash.

The Ocean Cleanup wants to collect the trash. They want to stop the trash from flowing into oceans.

Then people can celebrate cleaner oceans!
BOYAN SLAT
(1994 -)

Boyan Slat is the leader of The Ocean Cleanup. He is 25 years old.

Boyan thinks trash in oceans is a problem. He has many ideas to clean up oceans.

Boyan has won many awards for his inventions.
NETHERLANDS

Boyan Slat is from the Netherlands. The Netherlands is in northwestern Europe.

The North Sea is on the coast of the Netherlands. The capital city of the Netherlands is Amsterdam.

The Netherlands is famous for windmills and tulips.
# OCEAN CUP

<table>
<thead>
<tr>
<th>Item</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>6-oz box blue gelatin</td>
<td>1</td>
</tr>
<tr>
<td>large bowl</td>
<td>1</td>
</tr>
<tr>
<td>2 C hot water</td>
<td>2</td>
</tr>
<tr>
<td>spoon</td>
<td>1</td>
</tr>
<tr>
<td>2 C cold water</td>
<td>2</td>
</tr>
<tr>
<td>ladle</td>
<td>1</td>
</tr>
<tr>
<td>21 gummy fish</td>
<td>1</td>
</tr>
<tr>
<td>7 (9-oz) clear plastic cups</td>
<td>1</td>
</tr>
</tbody>
</table>

**NOTE:** Always consider student food allergies when preparing recipes.

1. Put gelatin into bowl.

2. Watch adult put hot water into bowl.

3. Stir until dissolved.

4. Put cold water into bowl. Stir.
5. Use ladle to fill each cup half full.

6. Refrigerate 2 hours.

7. Push 3 gummy fish into each cup.

8. Refrigerate 2 more hours.

9. Eat.
Knock, Knock.

Who's there?

Group.

Group who?

Group - er is an ocean fish.

Grouper
I have a joke!

Tell me!

What fish comes out at night?

I don’t know. What?

A star — fish!

starfish
Choose the pictures **NOT** about THE OCEAN CLEANUP.

**problem**

**skateboarding**

**river**

**trash**

**float**

**invention**

**collect**

**magazine**

**plastic**

**flow**

**coach**

**recycle**

**jail**

**ocean**

**stop**

**clean up**

**conveyor belt**

**dumpster**

**pizza chef**

**sort**
Choose the picture that matches the word.

- ocean
- clean up
- invention
- river
- trash
- plastic
- recycle
- float
- collect
- stop
<table>
<thead>
<tr>
<th>Question</th>
<th>Amy Bockerstette’s Foundation</th>
<th>The Ocean Cleanup</th>
<th>2020 Graduation Ceremonies</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. WHAT is the paper about?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. WHO is an inventor?</td>
<td>Mia Hamm</td>
<td>Boyan Slat</td>
<td>Corbin Bleu</td>
</tr>
<tr>
<td>3. WHERE is Boyan Slat from?</td>
<td>Netherlands</td>
<td>Brazil</td>
<td>Greece</td>
</tr>
<tr>
<td>4. WHAT is most trash in oceans?</td>
<td>paper</td>
<td>wood</td>
<td>plastic</td>
</tr>
<tr>
<td>5. WHAT does The Ocean Cleanup want to put into 1,000 rivers?</td>
<td>trash</td>
<td>inventions</td>
<td>fish</td>
</tr>
<tr>
<td>6. WHAT helps move the conveyor belt on the invention?</td>
<td>water</td>
<td>wind</td>
<td>Sun</td>
</tr>
<tr>
<td>7. WHAT animal might be hurt by trash in oceans?</td>
<td>dolphin</td>
<td>giraffe</td>
<td>cat</td>
</tr>
<tr>
<td>8. WHAT means to make something old into something new?</td>
<td>float</td>
<td>collect</td>
<td>recycle</td>
</tr>
</tbody>
</table>
ACROSS

3 The invention floats on a _______________.
5 Most trash in oceans is _______________.
8 Trash in _______________ can hurt ocean life.
9 An inventor is working to _______________ oceans.

DOWN

1 Boyan thinks trash in oceans is a _______________.
2 The invention _______________ on a river.
4 One _______________ collects trash in oceans.
6 Most _______________ in oceans is from rivers.
7 The Ocean Cleanup wants to _______________ the trash.

WORD BANK

invention
clean up
problem
oceans
plastic
collect
floats	rash
river
Fill in the grid using the pictures below so that every row, every column and every large box contains the following four items:

- Octopus and starfish
- Jellyfish
- Fishing net
- River
- Gear
- Octopus and starfish
- Jellyfish
- Fishing net
- River
- Gear
- Octopus and starfish
- Jellyfish
- Fishing net
- River
- Gear
1. WHAT kind of invention would you make? Why?

________________________________________________________________________
________________________________________________________________________
________________________________________________________________________

2. WHAT is a problem you would like to solve? Why?

________________________________________________________________________
________________________________________________________________________
________________________________________________________________________

3. LIST three animals that live in oceans.

________________________________________________________________________
________________________________________________________________________
________________________________________________________________________

4. HOW do you think trash gets into rivers?
<table>
<thead>
<tr>
<th>Word</th>
<th>Image</th>
</tr>
</thead>
<tbody>
<tr>
<td>ocean</td>
<td><img src="image1" alt="Jellyfish, Octopus, Starfish, and Fish" /></td>
</tr>
<tr>
<td>clean up</td>
<td><img src="image2" alt="Person with a Net" /></td>
</tr>
<tr>
<td>invention</td>
<td><img src="image3" alt="Control Panel" /></td>
</tr>
<tr>
<td>river</td>
<td><img src="image4" alt="Meadow and River" /></td>
</tr>
<tr>
<td>trash</td>
<td><img src="image5" alt="Trash和 Eden" /></td>
</tr>
<tr>
<td>problem</td>
<td><img src="image6" alt="Confused Stick Figure" /></td>
</tr>
<tr>
<td>collect</td>
<td><img src="image7" alt="Red Rectangles" /></td>
</tr>
<tr>
<td>plastic</td>
<td><img src="image8" alt="Plastic Bag and Water Bottle" /></td>
</tr>
<tr>
<td>recycle</td>
<td><img src="image9" alt="Recycling Symbol" /></td>
</tr>
<tr>
<td>flow</td>
<td><img src="image10" alt="Meadow and River" /></td>
</tr>
<tr>
<td>float</td>
<td><img src="image11" alt="Block Floating on Water" /></td>
</tr>
<tr>
<td>stop</td>
<td><img src="image12" alt="Stick Figure with Stop Sign" /></td>
</tr>
</tbody>
</table>
Cut out the items below and paste answers into the matching page.

Cut out the items below to use as errorless choices for the review page.

<table>
<thead>
<tr>
<th>The Ocean Cleanup</th>
<th>Boyan Slat</th>
<th>Netherlands</th>
<th>plastic</th>
</tr>
</thead>
<tbody>
<tr>
<td>inventions</td>
<td>Sun</td>
<td>dolphin</td>
<td>recycle</td>
</tr>
</tbody>
</table>

Cut out the items below and paste answers into the Sudoku page.