WELCOME ABOARD!
WE SALUTE YOU ON YOUR FIRST DAY ABOARD, RECRUIT. YOU’VE MANAGED TO BE ASSIGNED TO ONE OF THE MOST DECORATED SHIPS IN THE FLEET, THE USS HORNET! NOW LET’S GET YOU SETTLED IN. FIRST, WE’LL NEED SOME BASIC INFORMATION.

Name: _______________________
Rank: E-1, Recruit
Ship: _______________________
Compartment: _______________________
Duty: Training, 1700-1000

TO START, YOU NEED TO KNOW HOW TO SPEAK LIKE A SAILOR!

FOR YOUR COMPARTMENT NAME, USE THE MAP TO FIND OUT WHAT YOUR ROOM IS CALLED.

<table>
<thead>
<tr>
<th>English</th>
<th>Navy Lingo</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wall</td>
<td>Bulkhead</td>
</tr>
<tr>
<td>Floor</td>
<td>Deck</td>
</tr>
<tr>
<td>Ceiling</td>
<td>Overhead</td>
</tr>
<tr>
<td>Room</td>
<td>Compartment</td>
</tr>
<tr>
<td>Bedroom</td>
<td>Berthing Compartment</td>
</tr>
<tr>
<td>Bed</td>
<td>Rack (or Bunk for Officers)</td>
</tr>
<tr>
<td>Toilet</td>
<td>Head</td>
</tr>
<tr>
<td>Stairs</td>
<td>Ladders</td>
</tr>
<tr>
<td>Kitchen</td>
<td>Galley</td>
</tr>
<tr>
<td>Dining Room</td>
<td>Mess</td>
</tr>
<tr>
<td>Drinking Fountain</td>
<td>Scuttlebutt</td>
</tr>
</tbody>
</table>
Top 5 Rocks & Shoals
(Rules of the Ship)

1. Stay with an adult at all times—they get lost easily and need your help to get out.
2. No running on the ship! These decks are steel so falling will hurt!
3. Be careful on ladders and going through doors. The doors have step-overs called knee-knockers because you’ll knock your knees if you trip!
4. All food and drink should be kept to the Hangar Bay and Mess Deck.
5. Areas open for tour will have their lights on, doors open, and chains down. Please stay in these areas when walking around.

Facts About the USS Hornet
- The Navy passes names of old ships on to new ships to honor their history. The first Hornet was used during the Revolutionary War. Our USS Hornet is the 8th and last ship called Hornet. After us, the name was passed onto an airplane and today the Navy uses F/A-18 Super Hornets.
- Building the ship began on 3 August 1942 and ended on 30 August 1943, so the whole ship was built in just over a year and mainly by women like Rosie the Riveter!
- During World War II, this ship could hold about 95 airplanes. As the years passed, planes were built bigger and by 1970, only 44 planes could fit onboard.
- The ship usually had about 3,500 men onboard. Because there were so many people, the ship had most things any town does, including: a hospital, dentists, barbers, a jail, a church, sports teams, and even a movie theater!
- This ship was picked by the Navy to recover the astronauts from Apollo 11 and Apollo 12 after their trip to the moon. Look for the astronaut’s footprints in Hangar Bay 2!
OKAY, NOW IT'S TIME FOR YOU TO FIND YOUR BERTHING COMPARTMENT WHERE YOU'LL SLEEP. HERE, TAKE YOUR SEABAG SO YOU HAVE YOUR GEAR. I'LL MEET YOU THERE!

Find your way to the Racks!
YOU MADE IT!
DON’T THESE RACKS LOOK COMFORTABLE?
BEFORE YOU HEAD TO DINNER, THOUGH, YOU NEED
TO PUT AWAY YOUR GEAR FROM YOUR SEABAG.
THAT LOCKER OVER THERE HAS
YOUR NAME ON IT!

Fit all the items into the locker by drawing them in.
I suggest using a pencil with a good eraser!
SHORT ANSWER QUESTIONS

1. What year did Hornet first set sail?
   __________________

2. What year did it retire?
   __________________

3. What is the Hornet's nickname?
   __________________

4. Find the big SCOREBOARD in the HANGAR DECK. How many airplanes did the Hornet help bring down in World War 2?
   __________________

5. Find the elevator(s) on the HANGAR DECK. How many are there and what are they for?
   __________________

6. How many catapults does the ship now have and what are they for?
   __________________

7. Whose footprints are on the HANGAR DECK?
   __________________

8. Why are they there?
   __________________

9. How many astronauts did the Hornet recover from the water? Can you name three?
   __________________

10. How many of each does the ship have?
    Anchors? ______  Boilers? ______  Engines? ______

12. About how many men served on the ship at one time?
    __________________
CAN YOU FIND ALL OF THESE ON THE SHIP? THEY’RE THINGS EVERY SAILOR SHOULD KNOW ABOUT!

**Red Lights & Battle Lanterns**
Both of these types of lights were used during battle. The red lights help maintain your night vision and the battle lanterns are battery operated in case something happens to the ship's power.

**OBA Lockers**
OBA (Oxygen Breathing Apparatus) lockers are like small fire-fighting stations. They have oxygen filters inside and the red helmets are for the sailors' safety.

**Compartment Identifiers**
The ship is divided into a grid and rooms are found by where they are on that grid.

**Fog Foam Pipe**
All green pipes are for fog foam, used for oil and fuel fires. Inside is a mix of water and protein, which gets foamy and covers fires like a wet blanket to stop them.

**Water-Tight Doors**
Many of the doors on the ship are like this one. Turning the wheel causes the door to seal up tight so that neither water or air can get past.
These are called signal flags. Navy ships use them to talk to one another! Can you figure out what they spell out below?

Now try making your own!
DOUBLE PUZZLE:
An incoming radio message was scrambled—help!

PIHS

VAYN

VAEW

RAANEILP

AENOC

DILNNGA REAG

SERCUE

Unscramble each of the clue words. Copy the letters in the numbered cells to the other cells below with the same number.

Hint: If you can't figure out the scrambled words, try figuring out what the message is below and fill in the numbers above.
CROSSWORD

HMM...SOME OF THE WORDS ARE BACKWARDS...

BERTHING
BUNK
HELICOPTER
RACK
BRIDGE
CATAPULT
HORNET
SHIP
BRIG
ELEVATOR
LADDER
HEAD
BULKHEAD
SPLASHDOWN
NAVIGATION

SPOT THE DIFFERENCES

Can you find the 6 things different between these two pictures?
**CROSSWORD**

Across
2. The name of our main deck where most of our planes are kept.
4. The ship's jail.
8. The first U.S. ship ever named Hornet was in this war.
11. The color of our night lights.
12. A bathroom on a ship.
13. Our name for a set of stairs.

Down
1. The navy term for "wall."
3. One of the Apollo 11 astronauts we recovered during Splashdown, also the first man on the moon.
5. The navy term for "back."
6. The name of the NASA missions that the Hornet participated in (Also the name of a Greek god).
7. This ship is the USS ________.
9. We have two and each weighs over 30,000 lbs.
10. A bed for an enlisted sailor.
GREAT JOB, RECRUIT! YOU COMPLETED YOUR FIRST TRAINING MISSION. YOU FOUND YOUR WAY TO YOUR RACK, STOWED YOUR GEAR, AND PROVED YOUR SMARThS!

THE LAST THING TO DO IS DESIGN A PATCH TO COMMEMORATE YOUR MISSION. THE HORNET HAD DIFFERENT ONES OVER THE YEARS, EACH ONE IMPORTANT TO WHAT WE WERE DOING AT THE TIME. HERE ARE SOME IDEAS TO GET YOU STARTED...

Draw Here!

Ships

Animals

Hobbies

Symbols
TAKE-HOME SCIENCE EXPERIMENT

"This ship is really big and heavy. How can it float?"

It's a good question. After all, if you put a nail in a cup of water, it will sink. The nail is made of steel and our ship is made of steel, so why don't we sink too?

To find out what's going on, build a ship of your own from things around the house! You will need:
- A sink or bucket of water
- Aluminum foil
- Pennies

**Step 1:**
Build a little boat out of foil.

**Step 2:**
Fill up a sink and place the boat in the water. It should be floating!

**Step 3:**
Add pennies. Notice as you add more pennies, the boat starts going down. Add enough pennies and the boat will sink!

**What's Going On?:**
Ships like the Hornet float because of air trapped in their rooms and tanks. All of the air inside makes the average density of the ship less than water. Because it is less dense than the water, it is able to float (just like ice in a glass of water, which also has more air trapped inside it than water). This ability to float on top of something because of lower density is called buoyancy ("boy-ance-see").

When you start to fill your foil boat with pennies, it becomes denser because you are replacing air with something heavier, and the boat begins to sink. This is why a ship full of cargo floats lower than one with no cargo--because it's empty spaces are now full of stuff!

If a boat ever gets too heavy (like if it had too much cargo or if water leaked into some of the empty air spaces) its average density would increase so much that it would eventually match the water. If this happened, the boat will stop floating and sink! This is why a nail will sink--it has no trapped air to keep it buoyant!
Page 3: Maze

Page 8: Loker Mix-Up
There are many ways to fill up the locker. This is one of them.

Page 9: Short Answer Questions
5. We have 3 elevators to move planes between the Hangar and Flight Decks.  6. 2, used for launching planes off the flight deck.  7. Neil Armstrong’s.
8. Those were his first footsteps back on Earth.
10. 2. 8. 4.  11. About 3,500, it changed over the years depending on the mission of the ship.
ANSWERS

Page 7: Signal Flags
The signal flags spell out:
ANCHORS AWEIGH
MAN OVERBOARD
INCREASE SPEED

Page 8: Double Puzzle
The scrambled words are: SHIP, NAVY, WAVE, AIRPLANE,
OCEAN, LANDING GEAR, and RESCUE.

The final message spells out: "WE NEED TO LAND ON YOUR
FLIGHT DECK!"

Page 9: Crossword & Spot the Differences

Differences: anchor,
wave, line, sun, number,
and radars.

Page 5: Crossword
THANK YOU FOR JOINING OUR CREW ON AN OVERNIGHT ADVENTURE!

SEE YOU ON YOUR NEXT MISSION ABOARD THE USS HORNET MUSEUM.

HTTP://WWW.USS-HORNET.ORG/

USS Hornet Museum. 2014. Designed by Laura Fies.