Check the weather

There are many ways to get a weather forecast. Some may be more current than others.

To help Skip find the best weather forecast can you put the following forecasts into two lists, one for the most current forecasts and one for the least current forecasts.

Most Current
1. __________________________
2. __________________________
3. __________________________
4. __________________________

Least Current
5. __________________________
6. __________________________

Can you show Skip what to look for in a weather forecast?

Circle the words he should look for.

Blanket  Boat  Wind  Waves
Car  Swell  Seas  Smog
Flares  Rain  EPIRB  Anchor
Internet  Newspaper  Marine Radio  Television News
Do you know the weather forecast?

Find the hidden words listed below.
They describe important things that you should consider before you go boating.
Remember, words can run up, down, forwards, backwards and diagonally.
easterly  swell  low pressure  high pressure
inshore  gale  warnings  seas
storm  local waters  height  westerly
forecast  trough  offshore  wind
issued  gusts  wave

Pick 6 of the words and give a meaning for each one.

__________________________  _____________________________
__________________________  _____________________________
__________________________  _____________________________

Can you find the secret word on the same topic?
Clue: What subject is the word sleuth on? SECRET WORD: _____________________
Join the dots

1. Join the dots in numerical order to help Skip find how the weather can make waves.
2. Colour the picture in when you have finished.
3. What should Skip have checked before he went boating?

Name: ______________________
Clothing Match

It is important that you are properly dressed for a day out on the water.

1. Connect the clothing you would need on a fine sunny day by drawing a line from the piece of clothing to the Hot Dot.

2. Connect the clothing you would need for a cold windy day by drawing a line from the piece of clothing to the Cold Dot.

3. What piece of clothing is used on the boat no matter what the weather is? ________________________________

Skip says "Remember, weather can change, always be prepared for the cold weather on a boat"
Identify boater's safety equipment from the description below. Write the equipment's number in the box next to its description.

<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Bucket / Bail</td>
<td>These are used to help you get to safety in the event of the motor breaking down.</td>
</tr>
<tr>
<td>2</td>
<td>Flare</td>
<td>This is important in an emergency as it can be used to request help. It is also useful to log on with a volunteer sea search and rescue group before you go boating.</td>
</tr>
<tr>
<td>3</td>
<td>EPIRB</td>
<td>This should be carried on board all boats in case someone injures themselves. The contents include bandages, seasickness tablets, antiseptic cream and sunscreen.</td>
</tr>
<tr>
<td>4</td>
<td>First Aid Kit</td>
<td>Children should wear these at all times when going out on a boat. Make sure that it fits snugly.</td>
</tr>
<tr>
<td>5</td>
<td>Anchor</td>
<td>All boats, especially small ones, should carry one of these if they go out at night time.</td>
</tr>
<tr>
<td>6</td>
<td>Lifejacket</td>
<td>These can be used to signal to others that you are in trouble and require assistance. They are dangerous to operate and should only be handled by an adult or the skipper.</td>
</tr>
<tr>
<td>7</td>
<td>Marine Radio</td>
<td>This can also be used to let rescue authorities know that you are in trouble and require assistance. It can be used anywhere and rescuers will know exactly where you are.</td>
</tr>
<tr>
<td>8</td>
<td>Waterproof Torch</td>
<td>This should be used to stop your boat from drifting away.</td>
</tr>
<tr>
<td>9</td>
<td>Oars/Paddles</td>
<td>These can be used to put out fires.</td>
</tr>
<tr>
<td>10</td>
<td>Jacket</td>
<td>If your boat starts to fill up with water you can use this to bail it out.</td>
</tr>
</tbody>
</table>
The following items of safety equipment should be carried on board when boating. Some of the items must be carried by law and others are recommended.

See if you can locate the correct name from the list for each piece of the equipment. Write the number of the correct name in the space provided next to its matching picture.
Choose from these words

Tread
Float
Fits
Adults
Colour
Before
Wear
Helpful
Emergency
Lifejackets
Safety

Down
1. Lifejackets are usually red, yellow or orange in ___________.
2. You should always _________ a lifejacket.
3. ___________ save lives.
4. Your ___________ is important. Wear a lifejacket at all times.
5. Lifejackets assist you to _______ in the water.

Across
1. You should put on your lifejacket ___________ you get into a boat.
2. Lifejackets should be worn by everyone, including children and ___________.
3. A lifejacket will assist you in a boating ______________.
4. You can ___________ water while wearing a lifejacket.
5. A lifejacket can be very ___________ in an emergency.
6. You should always wear a lifejacket that _______ you.
Find the hidden word

To be safe, always wear lifejackets when you go boating.

A W E V O A B
S L W R X T O
T B W E A R A
L D H A H U T
I A E A Y F I
F U N K M S N
E O J F X I G
J A C K E T M

Skip says “Choose from these words”

ALWAYS
WEAR
LIFEJACKET
WHEN
BOATING
Deliver the lifejackets

Diver and Surfer have forgotten their lifejackets. Can you help skip find his way to them?
1. Complete the image by drawing a line from dot to dot in the correct order.

2. Colour in the image and be sure to use the correct colours for the lifejacket.

3. Why are these colours used instead of blue and black?
   ______________________
   ______________________

4. What else could be added to the lifejacket to help it to be seen?
   ______________________

5. Draw this in on Skip’s lifejacket.

6. Can you identify the type of lifejackets pictured below?
   Level ____  Level ____  Level ____
You are off on a boating trip with two friends. You have to pack a survival kit for your trip. There is not much room so it cannot be too big and you are only allowed to bring 10 items.

What will you take?

In a group of three, decide what you will pack in your survival kit. Rank these in order of importance and explain your choice. (Use a separate piece of paper if you need more room).

Share your survival kit with others in their groups.

Our List (in order of importance) and Why

1. ____________________________________________
2. ____________________________________________
3. ____________________________________________
4. ____________________________________________
5. ____________________________________________
6. ____________________________________________
7. ____________________________________________
8. ____________________________________________
9. ____________________________________________
10. ____________________________________________
Do you know all the “s” words?

1. Our favourite safety pelican is called S____.
2. One of Skip’s rules is to “Always do what the s______ says.”
3. Be s____, wear a lifejacket at all times on a boat.
4. Buoyancy will help a boat s____ afloat.
5. Too many people or too much weight on a boat will s____ it.
6. The best way to stay low in a boat is for all junior crew members to s____ down and hold a s_______ part of the boat.
7. Everyone sitting on one side of the boat will tip them into the s____.

Why is the boat sinking?
Circle the two numbers above that could be the reason.
1. Skip, Surfer and Diver are going boating. Can you draw them sitting in a position that would make the boat stable.

2. For the boat to tip like this, where do the 3 friends have to sit? Draw them in.

3. The skipper should ask you to sit down low in the boat and hold on to something strong. Draw the 3 friends following the skipper’s rules.
1. Sink or Float
Examine the following pictures and tick the ones that you think will float.

- Water Bottle
- Life Ring
- Anchor
- Torch
- Oars/Paddles
- Fire Extinguisher
- EPIRB
- Metal Bucket

2. Make a boat.
In a group, draw a simple plan of how your boat will look using the following objects. You will need a variety of boat building materials.

Materials needed:
- Cut out the base from a milk carton, soft drink bottle or aluminium can. You could also fold heavy card or aluminium foil into a boat shape.
- A sail could be made with fabric or paper and taped on to a pencil or popstick.
- Plasticine can be used to hold the sail and mast onto the boat and for making passengers.
- You may also need glue, tape and scissors.
3. Using the materials, design a boat that floats and will carry some weight.

4. Make your boat.

5. Measure the height of the side of your boat. Record the height here __________ cm

6. Select your passengers for the boat.

Using a water tank complete the following activities:

7. Experiment with the balls of plasticine. What happens when you drop them in the water? Can you make a shape out of the plasticine that will float?

8. Experiment with the passengers in your boat. How many will your boat hold before it sinks? Use the table below to record the class answers.

<table>
<thead>
<tr>
<th>Junior crew name</th>
<th>Boat name</th>
<th>Made from</th>
<th>Passengers held</th>
<th>Height of the boat sides</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

9. How can you make your boat sail in a straight line if you blow on the sails?

_______________________________________________________________________
_______________________________________________________________________
_______________________________________________________________________
_______________________________________________________________________
_______________________________________________________________________
_______________________________________________________________________
Rescue Maze

Shriek is lost and has not logged on.
Can you help Skip find his way through the maze and rescue Shriek.

Once you find Shriek, can you make a list of all the information that he should have told the Sea Rescue if he had logged on.

1. ____________________
2. ____________________
3. ____________________
4. ____________________
5. ____________________
6. ____________________
Where's Skip's boat?

Skip asked Diver to put the boat back in the pen when they returned from fishing.

Can you help Diver give directions to Skip to help him find his boat. The first step has been made for you.

1. Walk down the jetty until you come to the torch, then turn right.

2. ________________________________________________________________

3. ________________________________________________________________

4. ________________________________________________________________

5. ________________________________________________________________

6. ________________________________________________________________

Can you help Diver give directions to Skip to help him find his boat.

The first step has been made for you.

1. Walk down the jetty until you come to the torch, then turn right.

2. ________________________________________________________________

3. ________________________________________________________________

4. ________________________________________________________________

5. ________________________________________________________________

6. ________________________________________________________________
## Where are we going?

**Help Shriek to log on information**

Match the information needed to log on by connecting the question with the correct answer.

<table>
<thead>
<tr>
<th>Question</th>
<th>Answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Time we are leaving</td>
<td>Fishing</td>
</tr>
<tr>
<td>Time we are returning</td>
<td>6pm</td>
</tr>
<tr>
<td>Boat name</td>
<td>Three people onboard</td>
</tr>
<tr>
<td>People on board the boat</td>
<td>PV Pilchard</td>
</tr>
<tr>
<td>Fuel</td>
<td>12 noon</td>
</tr>
<tr>
<td>Information left with</td>
<td>10 litres of fuel</td>
</tr>
<tr>
<td>Activities</td>
<td>Volunteer Sea Rescue</td>
</tr>
</tbody>
</table>
The phonetic alphabet is used to spell words when using radios if it is difficult to hear. Each letter has a code word starting with that letter.

Using the phonetic alphabet, decode the examples of log-on information below.

<table>
<thead>
<tr>
<th>Letter</th>
<th>Phonetic Word</th>
<th>Pronounced</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>ALPHA</td>
<td>AL-FAH</td>
</tr>
<tr>
<td>B</td>
<td>BRAVO</td>
<td>BRAH-VOH</td>
</tr>
<tr>
<td>C</td>
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</tr>
<tr>
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</tr>
<tr>
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</tr>
<tr>
<td>F</td>
<td>FOXTROT</td>
<td>FOKS-TROT</td>
</tr>
<tr>
<td>G</td>
<td>GOLF</td>
<td>GOLF</td>
</tr>
<tr>
<td>H</td>
<td>HOTEL</td>
<td>HOH-TELL</td>
</tr>
<tr>
<td>I</td>
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<td>IN-DEE-AH</td>
</tr>
<tr>
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</tr>
<tr>
<td>K</td>
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</tr>
<tr>
<td>L</td>
<td>LIMA</td>
<td>LEE-MAH</td>
</tr>
<tr>
<td>M</td>
<td>MIKE</td>
<td>MIKE</td>
</tr>
<tr>
<td>N</td>
<td>NOVEMBER</td>
<td>NO-VEM-BER</td>
</tr>
<tr>
<td>O</td>
<td>OSCAR</td>
<td>OSS-CAH</td>
</tr>
<tr>
<td>P</td>
<td>PAPA</td>
<td>PAH-PAH</td>
</tr>
<tr>
<td>Q</td>
<td>QUEBEC</td>
<td>KEH-BECK</td>
</tr>
<tr>
<td>R</td>
<td>ROMEO</td>
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</tr>
<tr>
<td>S</td>
<td>SIERRA</td>
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<tr>
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</tr>
<tr>
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<td>UNIFORM</td>
<td>YOU-NEE-FORM</td>
</tr>
<tr>
<td>V</td>
<td>VICTOR</td>
<td>VICK-TAH</td>
</tr>
<tr>
<td>W</td>
<td>WHISKY</td>
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</tr>
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</table>

Mike alpha romeo india november echo romeo alpha delta india oscar ____________________
Lima oscar golf - oscar november...................................................................................
Foxtrot uniform echo lima papa echo oscar papa lima echo...........................................
Delta echo sierra tango india november alpha tango india oscar november__________________
Tango india mike echo oscar foxtrot alpha romeo romeo india victor alpha lima
...........................................................................................................................................
Lima echo alpha victor echo...................................................................................
Spelling your name using the phonetic alphabet. ________________________________________
Crack the code

Using the International Code Flags below - can you crack the code?

1) You should always 🟢🟠🟩 before going on the water in a boat. ____________

2) The information should include the number of 🟢🟠🟧🟫🟦 on board. ____________

3) We should also include 🟢🟠🟦 and 🟢🟠🟧 we are going. ____________

4) This information is important in case the authorities need to 🟢🟠🟧🟫 for us. ____________

5) Trip details needs to be left with a 🟢🟠🟩🟦 person. ______________________________________________________________

6) Draw the flags for the following words

a) Fuel

b) Time

c) Name

d) Place
Phonetic Dot-to-Dot

The phonetic alphabet is used to spell words when using radios if it is difficult to hear. Each letter has a code word starting with that letter.

Using the phonetic alphabet, decode the numbers and complete the dot to dot.

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<td>ZOO-LOO</td>
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</table>

Write the name of the hidden picture using the phonetic alphabet.
Topic 4 — Option 1 — Trip Tag

Leaving Time: _____________ am/pm
Date: _____ / _____ / _______
Leaving from: ______________________________________________________
Going to: __________________________________________________________
Weather: ____________________________ am/pm
No later than: _____________ am/pm
Vessel details: _____________________________________________________
Number of people: _________________________________________________
Car details: _______________________________________________________
Driver's licence: __________________________________________________
Before leaving home check: _________________________________________
Motor: □
Fuel: □
Safety Equipment: □
Weather: □

Name: _______________________

Page 22
Safe Boating Crossword

Across
1. _________ is the ability of the boat to float.
2. People moving around in a boat often affects the _________ of the boat.
3. Never __________ the boat with too many people and too much gear.
4. It is important to stay with your boat in the event of an _________.
5. __________ your lifejacket at all times.
6. Most boats have _________ or air compartments for flotation.

Down
1. If there are several people in the water, __________ together to conserve body temperature.
2. Boats can tip over very easily if weight is distributed _________.
3. In an ______________ always stay with the boat.
4. The _________ is the amount of people or weight a boat can carry.
5. The swimming and water __________ program teaches the HELP position.
6. When the boat is in the water __________ should be seated.

Choose from these words:
- emergency
- unevenly
- balance
- huddle
- everyone
- wear
- overload
- capacity
- foam
- safety
- buoyancy
- stability
- capsize
Always wear a __________ when boating.

__________________________________

Always tell ______________ where you are going and when you will return.

__________________________________

You should always wear a lifejacket that ____________ you.

__________________________________

All boats must carry a ____________.

__________________________________

Check the ______________ before going boating.

__________________________________

Don’t stand up in ____________ boats.

__________________________________
Copy down and try to remember the kids in boats rules.

1. Be safe, wear a lifejacket
2. Keep your arms and legs inside the boat
3. Always do what the skipper says.

________________________
________________________
________________________

Find Skip and his friends and the weather for his trip.

Choose from these words:
DIVER
ROBBA
SHRIEK
SKIP
STORM
STUMPY
SURFER
SWELL
WAVES
WEATHER
WIND

D R T S T O L X R R
N L L L E W S I E O
W H M R L J O U F B
T S A C E R O F R B
M J C L S H Y R U A
D L F T S P T I S U
G I O E M U W A F R
H R V U S H R I E K
M A T E X J U E N W
W S Q H R S K I P D

Secret Word
Can you find the secret word starting with “F”? ___________________

Why does this word go with weather? ___________________________

_______________________________________________________
_______________________________________________________
You must carry lifejackets in boats when in the ocean.  

It is important to check the weather forecast before going boating.

Before going boating you should tell someone where you are going and when you will return.

The weather forecast that you listen to the night before you go boating is the most up-to-date forecast available.

If the weather is windy and cold and the seas are rough, cancel the trip and wait for a better day.

If your boat’s engine breaks down, it is best to fire off all your flares.

If your boat capsizes you should stay with the boat until help arrives.

It is compulsory to carry an anchor, flares, a bucket and lifejackets in a motor boat when going into the ocean.

When you are loading your boat you should fit as much gear in the boat as possible.
Find the hidden words listed below. They describe things that you should consider before you go boating. Remember, words can run up, down, forwards, backwards and diagonally.

What is the hidden message? ____________________________

maritime radio          mast          lifebuoy          flares
be boat safe            first aid kit  stability          float
anchor                  bad weather    pollution         rescue
barway                  slip slop slap  epirb             buoy
hypothermia             fire extinguisher  capsize          fire
navigation lights       may day        fuel             depth
buoyancy                overloading    starboard         oars
1. Before heading out for a day boating, you should:
   - a) Tell someone where you are going and when you will return.
   - b) Make sure the boat is polished and looks good.
   - c) Check that all the fishing gear is packed on board.

2. It is most important that the skipper instructs passengers about:
   - a) How to bait their hook.
   - b) The safety equipment on board.
   - c) How to tie the correct knots.

3. Always check the weather before boating.
   The most up-to-date forecast is:
   - a) The internet, telephone or radio.
   - b) Television news from the night before.
   - c) The local newspaper.

4. If the weather is windy, rough and cold you should:
   - a) Wear more clothes and take a raincoat.
   - b) Go somewhere else and hope the weather is better there.
   - c) Cancel the trip and wait for a better day.

5. When you are loading the boat it is most important to:
   - a) Fit as much fishing gear, nets and craypots as possible on board.
   - b) Fit as many of your mates as you can on board.
   - c) Limit the amount of gear you carry.

6. If your boat capsizes you should:
   - a) Stay with the boat until help arrives.
   - b) Leave the boat and swim to the nearest shore.
   - c) Take off your lifejacket so you can move more easily.

7. If your boat suffers engine failure what do you do?
   - a) Drop your anchor and assess the situation.
   - b) Fire off all your flares and hope someone sees them.
   - c) Try to swim to shore, while wearing your lifejacket.
Contact
Marine Education Boatshed
Corner of Pier Street and Riverside Road
East Fremantle, 6158
Phone: (08) 9339 7851
Website: www.transport.wa.gov.au/imarine/juniorcrew

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