

Teachers/Parents Guidance Week 4

Mission 4 – The Adventurers

In this final mission the children are the Adventurers. The mission is to design and make an adventure game to rescue the explorer. Making a board game encourages children's creativity and innovation through designing, solving problems and making a playable product. They have an opportunity to take an active part in their learning as experts game players themselves. We have provided a partly finished board game design as a guide. Children should be encouraged to design their own. Pivotal to the task is writing the log book to provide the backstory for the game and help them choose their means of transport, what they will pack, the route to the island and obstacles in game. We want to encourage ideas where the fantastical, enchanted and real world mixes. Children can work on their own, in groups or pairs.

The subjects covered are geography, map making, maths, storytelling, art and design and crafting.

Materials required: paper, pen, pencils, paints/ markers and any recycle materials i.e. egg and cereal boxes, bottle tops for making tokens etc.

Online access listening to transmission messages, research and Atlas/digital map for working out the route

Resources for game making

Dice/cube template

<https://www.firstpalette.com/printable/cube.html>

ikat bag – Great tips and tutorials from this blog about making a board game with 7 year olds.

<http://www.ikatbag.com/2012/01/board-game.html>

Visit the Museum of Games -Download board game templates

<http://www.museumofgaming.org.uk/documents/DesignYourOwnGame.pdf>

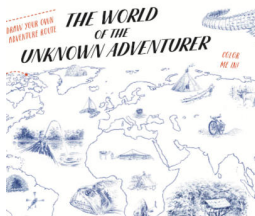
Online Field Trips

Meet some real-world adventures: <https://www.nationalgeographic.com/adventure/>

Read about and see pictures of two Mythic Sea creature exhibitions:

- <https://www.amnh.org/exhibitions/mythic-creatures/water/sea-monsters>
- <https://www.sea.museum/whats-on/exhibitions/sea-monsters/scary-sea-monster-stories>

Download a poster that explain GPS: <https://www.nationalgeographic.org/encyclopedia/gps/>



The World of the Unknown Adventurer

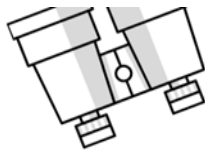
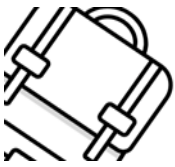
Download worksheets to chart your own adventure, design you own den.

https://www.quartoknows.com/dynamic/files/product_file/The-Lost-Book-of-Adventure-Activity-Guide-97817860327203969.pdf

Desert Island STEM survival activities for 11+

<https://www.stem.org.uk/resources/elibrary/resource/445426/survive-desert-island>

continues on the next page



Inspirational pages from the Book The Lost Book of Adventure

COASTS

This was one of my favourite camp spots — a deserted beach on a remote island in Micronesia. A simple tarp tent was all I needed for cover. By day, I explored beneath the waves and caught my dinner. At dusk, I sat by the fire and watched the sun set. When the moon showed its face I lay down and explored the stars.

When the weather is good, get to the coast and find a remote beach or dune on which to make camp. It doesn't have to have swaying palm trees or coral reefs — you'll have an adventure wherever you go. Take a tent or a tarp — or just a sleeping bag if it's warm. Be sure to set up camp above the high tide mark.

There is nothing better to wake up to than the sound of rolling waves.

A tide pool is a great place to have a bath. Dig a deep hole on the edge of the high water. Throw a net down a waterproof tarp and hang the net on a log down a waterlogged tarp and hang the top edge beneath sand. Wait for the sun to fill up your pool.

Take only what you need to eat from the sea. These fish were roasted over the fire having been caught with a pole spear.

Plankton glow to catch predators.

At night, a bright light shone out from the water. I later discovered this was in fact millions of plankton in the process of bioluminescence.

HOW TO MAKE A TARP SHELTER

1. Gather four wooden poles, some cord, a sheet or tarp and some stones.
2. Create two V-shaped structures, tying each set of poles together at the top.
3. Tie a length of cord between both V's to create a ridge. Secure the cord ends into the ground.
4. Lay the tarp down and tuck it up to the ridge.
5. To anchor, tie the other end of cord around a large stick or rock and bury beneath the sand.

At night, set the sticks further apart to leave the tarp.

10 THINGS TO DO AT A COAST CAMP

- * Make a camp fire;
- * Catch and cook your dinner;
- * Beachcomb for useful and beautiful objects;
- * Make a tarp tent or tide pool;
- * Go swimming, snorkelling and surfing;
- * Go cliff-jumping and diving;
- * Explore sand dunes and rock pools;
- * Look for shooting stars at night;
- * Make a fishing spear;
- * Make a raft.

GLOWING SEA

WILD GARDEN CAMP

Sometimes, you don't have to go far to experience a wild camping adventure. On a warm summer's night as the stars come out in your garden, cooking your dinner over the campfire will still make you feel a thousand miles from home. It may not be really wild, but these ingredients — plus a few nocturnal animals — are sometimes all you need.

HOW TO MAKE A TEEPEE TENT

1. Collect eight or more long lengths of wooden poles. Bamboo works well.
2. Link together three poles and form a tripod shape.
3. Add remaining poles to this frame and link together at the top.
4. Leave a larger space for an entrance. Add half poles to make it sturdy.
5. Wrap the frame with a large bed sheet, or two if needed.
6. Tie the sheet to the frame with pegs or bulldog clips.

HOW TO MAKE A BED SHEET HAMMOCK

1. Fold the sheet in half lengthways.
2. Fold one end like this.
3. 30 cm from the end, tie a cord around three times.
4. Fold over the end and repeat the folding to create a sheet loop.
5. Sew with two half hitch knots.
6. With a rope or paracord, attach your hammock to trees via the loops.

HOW TO MAKE A DUVET SLEEPING BAG

1. Place a folded sheet inside a duvet or thick blanket for your inner lining.
2. Fold the duvet or blanket over.
3. Put it inside a duvet cover. Keep it to one side and tuck the second duvet cover underneath.
4. Fold the inner sheet over at the top.

A homemade sleeping bag.

MAKE A HEADLAMP LANTERN

Wrap a headtorch (facing forwards) around a large plastic milk bottle with water inside.

For a campfire, ask where best to put it for the soil is better than on the lawn.

Make the most of empty cushions and sheets to hand.

Keep your dinner over the fire using sticks.

Keep a look out for your wild neighbours. You'll be surprised what comes into your garden at night.

BAT
HEDGEHOG
OWL
FOX