FIRST NAME :

LAST NAME :



BE WATER RESPONSIBLE AND JOIN THE WATER FAMILY

THE WATER FAMILY, «from snow to surf»

The Water Family - From Snow to Surf is a recognized association under the 1901 law for the **public** interest.

The Water Family grew out of a passion for nature-based activities and environmental protection. Since 2009, we've developped teaching materials for schools and businesses to help learn about water and our health while adopting best practices.

It's an open family offering everybody (youth, partners, affiliates, parents, educators...) the opportunity to become water preservation ambassadors by simple daily actions.

The Water Family is over 150 ambassadors, awareness building with 18000 young people and 1000 professionals by our side...and you...and you guys!

Bixente Lizarazu, Mathieu Crépel, Ophélie David, Tony Estanguet, Roland Jourdain, Marc et Thomas Lièvremont, l'Aviron Bayonnais Rugby Pro, Christophe Willem, Jacques Gamblin, Raphaël Ibañez, les frères Karabatic, Jan Kounen et sa famille, Jean-Pierre Vidal, Stéphanie Barneix, Rico Leroy, Guy Forget, Xavier et Polo de Le Rue, Julien Lizeroux, Valérie Nicolas, Tessa Worley, Vincent Duvignac, Stéphane Iralour, Louison et Zoé Grospiron, Damien Castera, Justine Mauvin, Pauline Ado, Justine Dupont, Édouard et Antoine Delpero, les « Lost in the Swell », Benjamin Dutreux, le team Ocewood, Marianne Bréchu, Aurélien Ducroz, Gauthier De Tessières, Julie Pomagalski, Florence Masnada, Fabrice Jeannet...

Our 3 core activities:



WATER ACADE

Educate and create awareness around water protection through our interactive teaching program and activities.



WATER EXPERTISE

Accompagner les structures vers plus d'écoresponsabilité tout en valorisant leurs bonnes pratiques.



asso

D'INTÉRÊT

GÉNÉRAL

professionals per year trained through our program



ER EXPERIENCE

Partake in a bonding experience around our

Reconnexion



#AGISSONSÀLASOURCE

Some water facts

65 % of the human body is water. Clean water is essential for our health! 1%

of the water on Earth is water we can use (97% saltwater and 2% fresh water inaccessible). **1 billion** out of the 7.5 billion people in

the world, suffer from lack of access to clean fresh water.

4 150 L

of water used every day per person in Europe and more than 200 g of pollutants released!

OBJECTIVES OF THIS GUIDE.

1

Understand the **importance** of water

- 2 Identify the **pollutants and uses** (visible and hidden) of water
- 3 Learn about **eco-friendly** habits
- Support each other's commitments



Hi I'm Flaggy, I'm the little drop of water from the Water Family! I'll help you along the way in this guide to discover water from A to Z. We'll find out about water in your body, water in the environment, threats to water and, of course, ways to protect it. Ready?

WATER AND ME

OUR BODY IS 65% WATER!





POTABLE TAP WATER IS THE MOST CONTROLLED!

In France, tap water is **the most tested food item**. Drinking water is vital and **frequent controls ensure its quality.**

Advantages:

Balanced minerals, neutral pH, zero plastic, frequent quality controls, locally sourced...

Parameters tested:

(Bacteria, Hardness,

metals, Endocrine

substances...)

disruptors, Radioactive

Nitrates, Pesticides, Heavy

Sport, water and health







Rehydrate the body

Before meals

Stimulate digestion



X2



(lunch, dinner)

X2

After meals

Improve digestion

Before classes

Help focus in class

Before bedtime



To have beautiful aquatic dreams



It's really important to quench our water requirements: drink 1.5 L of water and eat foods with high water content to ensure a total daily intake of 3.5 L (the human body loses about 3.5 L of water per day).

(lunch. dinner)



Only water, fruit and vegetables will hydrate... But not soft drinks or energy drinks!

Which parameters are tested for in potable water testing?

What are two actions water helps the body with?



What percent of the human body is water?

THE GREAT WATER CYCLE

Water - source of life

THE EARTH IS THE ONLY PLANET IN THE SOLAR SYSTEM WITH LIQUID WATER. ALLOWING THE DEVELOPMENT OF LIFE AROUND 3.8 BILLION YEARS AGO.



Life on our planet has evolved to produce a diversity of organisms, all containing water, living or extinct (plants, animals, bacteria, and dinosaurs...). Life exists without oxygen and without light but **never** without water.

Water and ecosystems

AN ECOSYSTEM = A LOCATION + THE ORGANISMS THAT INHABIT IT

Clean water

Whether it be an aquatic or a terrestrial environnement, water plays a fundamental role in ecosystem health! The other important parameter for ecosystems is biodiversity (the diversity of living things and their interactions).

The greater the biodiversity, the greater the ecological stability!



I'm your friend, a tree. On land I guarantee the biodiversity: I improve the soil, I provide habitat and shelter for many species, I treat water and contribute to the water cycle thanks to evapo-transpiration.

> Find more tree information on p. 19 and 20 or at www.programme-larbrealecole.org

Climate and the water cycle

FROM THE OCEANS TO THE ATMOSPHERE, FROM THE MOUNTAINS TO THE RIVERS AND RIGHT INTO THE EARTH ITSELF, WATER EXISTS IN 3 STATES: LIQUID, GAS (VAPOUR), SOLID (ICE). IT CAN BE FRESH OR SALTY.



Water is in constant circulation between the four great resevoirs: oceans, atmosphere, continental (rivers and aquifers) and the biosphere (all the ecosystems).

A precious ressource

THE EARTH'S WATER IS ALMOST ENTIRELY IN THE OCEANS.

97% OF ALL WATER IS SALT WATER, leaving only 3% fresh water...

But of the 3% **only 1% is available** because the rest is locked in glaciers or underground.

Amount of fresh water available...

The three blue spheres

represent the relative quantities of salt water, fresh water and available fresh water compared to the size of the Earth.

Complete the Great Water Cycle with the following words:





In 1900 we were fewer than 2 billion humans for 1% of the fresh water available on Earth. Today we are 7.5 billion! In your opinion:

- the quantity of fresh water has increased?
- the quantity of fresh water has stayed the same (and we have to share it)?



6

UNDER THREAT - WATER

Distribution and unequal access

Water is unevenly distributed between countries and **2.1 billion people don't have access to potable water!** Water stress (drought or flooding) is the cause of water shortage for humans and the environment.



Water and people

Fresh water is **the most important natural ressource** on Earth directly generating **78% of employment worldwide.** It is essential to the **development of human civilization**.



Agriculture

(46 %)*



Drinking water (34 %)*



Industry (12 %)*



Energy (8 %)* The problem is that human activites impact the quality and the quantity of available water. Consider tourism ->



*example of water extraction %

in Nouvelle Aquitaine in 2015

Bathing water quality

Climate change



+1° C OF WARMING = +7% EVAPORATION = + WATER STRESS!

Water pollution

Aquatic habitats have the ability to purify water*. It's the excess pollution from our activities that degrades water quality. **This threatens our health and all life on Earth...**

THERE ARE 3 FAMILIES OF POLLUTION:

- **1. MACRO POLLUTION** (plastic, for ex.): they disturb and enter the food web.
- 2. MICROBIAL POLLUTION (bacteria, viruses...): these are the N°1 cause of mortalité worldwide.

3. CHEMICAL POLLUTION (endocrine disruptors, pesticides, nitrates...): there are more than 100 million chemical substances. Some are toxic at low doses, others in combination become toxic (cocktail effect) and bioaccumulate in the food web.

*Aquatic environments have the ability to clean water all by themselves.



Label the three images above with the right pollution group.

Link these kinds of pollution to the right group.

- Endocrine disruptor
 - Plastic bag •
 - Bastaria
 - Bacteria •
 - Pesticides •
- Macro pollution
- Microbial pollution
- Toxic chemical pollution

ources : GIEC, UNESCC ONU, Acclimaterra

MERCREDI Water and Responsible Consumption Form - Session 4 & 5

THE LOCAL WATER CYCLE

At home, domestic water use

On top of the natural water cycle, we have the **«local water cycle»**. This describes the home-based **non** natural use of water: from the ressource to the tap and from the tap to the natural environment.

Components:

- 1. a system for ensuring potable water the water treatment plant
- 2. potable water consumption and waste water disposal
- waste water is cleaned and return to the environment the waste water treatment plant



On average, every European uses 150 L of water every day



+ 15 g of pollutants are generated by each person every day

Endocrine disruptors, paints, solvents, detergents and other chemicals

Research to eliminate these pollutants is ongoing and the treatment methods are improving. The Adour-Garonne Water Agency and Suez, teaching and technical partners, support sustainable solutions in eliminating pollution at source, as well as treatment at the watershed scale.



Reduce sources of domestic pollution

The case of cosmetics

A cosmetic can be either a toxic chemical or natural product in contact with the skin. How much do we use every day?

Let's follow Flaggy for a day:



KEY FACTS: 10 On average, 10 cosmetic products are used every day per person 40 Every cosmetic product contains an average of 40 chemical products 400 A European has an average of +400 chemical products on their skin every day! 60 %

The skin absorbs 60% of the cosmetics it is in contact with... The remaining 40% are washed into the domestic water cycle

CHOOSE SOMETHING GOOD FOR YOUR HEALTH!

ENVIRONMENTALLY FRIENDLY WATER FAMILY TIPS



Justine Dupont SURFING CHAMPION & BIG WAVE RIDER «I choose environmentally friendly cosmetics, good for my health, rivers and the tap.»

You can also make your own nature-based products! See some recipes for home-made products on p.21





very polluting substances (rare minerals, dyes, coatings...)! Our modes of transportation usually rely on fossil fuels which are increasingly challenging to extract, generating significant amounts of pollution in the process.



GOODS & TRANSPORTATION

Limited resources

OUR ACTUAL PRODUCTION SYSTEM IS LINEAR!

EXTRACT

PRODUCE

CONSUME THROW AWAY

As a result :

- the use of non-renewable resources is limited
- overconsumption of water and the generation of pollutants
- unacceptable working conditions



Earth Overshoot Day is the day on which we have used more ecological resources than the Earth can replenish in the same year. In 2018, for the entire planet, the day was August 1st but in France it was May 5th!

Everything on Earth is circular...

A circular economy just makes **good sense.** It challenges us to use our natural resources more wisely to save water, avoid polluting and limit our waste production.



You just need to look to nature and the cycle of life! Nothing is lost, nothing is created, and everything is transformed.

THE CONCEPT OF WASTE DISAPPEARS!



Millions of smartphones are thrown away every year...Not designed to last, hardly recyclable, it **built-in obsolescence**! Choosing brands that encourage **repair**, **re-use** of the electronic components and the **reduction** in wastes produced shifts consumption to a circular pattern. **It exists and it's called Ecodesign**!

CYCI F

OF I IFF

Less is more!



When making travel choices, several transport options can reduce our impacts. Walking, cycling, car sharing, public transport (bus, tram, subway, train). The benefits include less pollution, exercise, social interactions, benefits for everybody!

ENVIRONMENTALLY FRIENDLY WATER FAMILY TIPS



Fabrice Jeannet

2 TIME FENCING OLYMPIC GOLD MEDALIST «When my equipment is damaged, I repair it myself or else I get it repaired locally rather than buying new!»



WATER, SUPPLY & LANDSCAPE

AGRICULTURE REPRESENTS 3/4 OF THE FRESH WATER USAGE IN THE WORLD. IT'S THE SECTOR THAT CONSUMES THE MOST WATER.

1. Intensive industrial agriculture



Chemical fertilizers Pesticides Preservatives

Soil erosion and pollution Intensive exploitation (animals & people) Low value production

Overconsumption of water Water pollution Wasted food

Long distance transport, more packaging Deforestation and biodiversity impacts Climate change...

2. Low-input agriculture

With low-input agriculture, fertilizer inputs are adapted the needs of crops, the soil characteristics and plant growth. Soil water retention capacity is improved. Use of chemicals is reduced (but not eliminated...) and biodiversity isn't always a priority....

INDUSTRIAL MODEL



LOW-INPUT MODEL



PEASANT MODEL



The more biodiversity present, the better off the environment is!

Organic, peasant, local and seasonal

demeter

Voici les vrais labels pour t'aider !

3. Organic, peasant, sustainable agriculture

Organic agriculture is a regulated and certified form of agriculture **that is respectful of the environment** (no pesticides or chemical fertilizers...).

Natural fertilizers Compost Vitamins

Respects the soil and the landscape Uses local varieties, considers animal welfare Provides local employment and value-added goods

> Reduces water consumption Protects water quality Less food wastage

Less transportation and use of local resources More biodiversity, more trees Climate regulation





CSA's are a sustainable solution to procure health, local, in-season food. Find out if there's a CSA provider near you!

ENVIRONMENTALLY FRIENDLY WATER FAMILY TIPS



«For my nutritional needs, I trust local producers or certified products!»





HOW DO WE GET INVOLVED? Water Family strategies



Mathieu Crépel

3X WORLD SNOWBOARD CHAMPION

1/3 of the food we produce goes to waste! This represents 1000 L of water. Not wasting food is saving water...

Roland Jourdain

NAVIGATOR 3X WINNER OF THE ROUTE DU RHUM

I live following the rhythm of the seasons. Fruits and vegetables grown near where I live are better for my health and the planet!





Tony Estanguet 3X WORLD & OLYMPIC CANOE CHAMPION

When I buy something, I ask myself if I can buy it second-hand, rent it, share it or if there's a eco-concept version of the product.

Les Lost In The Swell

SURF EXPLORERS

When we're exploring for surf, we choose low impact forms of transportation (bicycle, sailboat), we use low-tech solutions and we practice carbon off-setting by planting trees.



Ophélie David

MULTIPLE WORLD SKI CROSS AND X-GAMES CHAMPION

I make my own essential oils from flowers and my household cleaning products from white vinegar and baking soda. It's natural, cheaper, good for my health and the environment.

Marianne Bréchu

WORLD FREERIDE RUNNER-UP

For sports related care products, I choose 100% natural essential oils, very effective for my joints and muscles.

















#ETTOITUFAISQUOI?

Cosmetics

Food

CHOISIS UN ÉCO-GESTE et rejoins la Water Family

Food

Goods & Transportation

Cosmetics

ENDORSED BY A WATER FAMILY CHAMPION



The Water Family practice exercise workbook

- **Ex N°1: Discover the three lessons trees teach**
- Ex N°2: Make your own natural products
- Ex N°3: Make something low-tech
- Ex N°4: Cook with a no-waste recipe



Ex N°1: Discover the three lessons trees teach





Endless source of energy without toxic byproducts Thanks to the energy of the	
the	(absorbed by the roots)
and the	
(CO ₂). It's called	1
lt makes	that nourish the tree, releases
	(0 ₂) and
	which evaporates.

1. Using the image, fill-in the missing words with the words below:

photosynthesis - oxygen - sun - water - pure water - carbon dioxide - sugars - minerals - leaves

2. Cross out the one false statement from the three below.

- a. trees can capture, stock and eliminate pollutants from water and soil
- b. trees use only local resources which they don't over-exploit
- c. trees produce persistant toxic chemicals.

2. I provide you stuff, for free

Zero waste, zero garbage and locally sourced resources



Trees build and improve soil

- They're the original agricultural model over the past 350 million years
- They inspire tomorrows' agriculture: agroforestry and permaculture



Trees give life to streams

- Leaves are part of a stream food web
- Logs, branches and stumps create micro-habitats



Trees contribute to the water-cycle

- Evapotranspiration is the water service center for clouds
- Trees can also operate in reverse and can attract rain



3. Connect the services to the correct image

tree, releases oxygen and pure water which evaporates.



Do you know where I come from?

5. Complete the 4 life-cycle stages in the life of a tree with the following words:

fruiting - germination - growth - dispersal

• Old trees remember. They've survived heatwaves, storms, parasite infestations...This information is found in their seeds and produce better adapted young plants!

Garden idea

When you eat a fruit (organic) and you plant the seed in the ground, 1 year later you might have yourself a seedling.



Find more information : www.programe-larbrealecole.org !

3. We're a team together

The 1st Law of the Jungle is mutual help and harmony

Symbiosis with fungi

• Trees exchange sugars for minerals produced by fungi. The fungi create networks effectively connecting the trees.

Trees share their ressources and information

• Trees share nutrients with their offspring, but also with other trees around them. They also transmit information about things like parasites...

Protect the health of those around you to protect your own health

• This is one of the most important principles amongst trees

4. How do trees communicate?

- a. Wifi
- b. their root system
- c. squirrels



How to plant a baby tree?



1 Turn over the soil for an area covering 30 cm square and 30 cm deep.



2 Dig a hole 10 cm square and 10 cm deep. Place the plant in the hole.





4 Don't over compact the soil to make sure the roots can grow. Water with about a glass of water every day for the first week. Stop watering to encourage the roots to grow downward in search of moisture.

Ex N°2: Make your own natural skin products

OIL BODY LOTION

Ingredients

75 mL Organic sunflower oil 10 mL Organic linseed oil 9 mL Organic hemp oil 5 mL Organic pumpkin seed oil 1 mL Tocopherol (vitamin E) 1 drop of essential oil optional (use caution when using essential oils)

Recipe

To make your oil body lotion, mix the ingredients in a glass container

Properties

Sunflower oil: emollient, non-greasy, nourishes, hydrates.
Linseed oil: rich in omega-3, calmes, antioxidant, regenerates, hydrates.
Hemp oil: softens skin, rich in omega 3, 6 and 9, calmes, regenerates, hydrates.
Pumpkin seed oil: regenerates and nourishes.
1% Tocopherol (vitamin E): antioxidant, preserves the ingredients.



NATURAL LAUNDRY DETERGENT

1 L of water 1 soup spoon of soda crystals 20 g of grated Marseille soap 20 g of liquid black soap 1 drop of essential oil (mint) (use caution when using essential oils)

Recipe (for 1 L)

1- Add all the ingredients into a cooking pot and bring to a boil.

2- Allow to cool until warm, then pour the mix into old pre-washed detergent bottles.

3- Shake each time before use and pour 100 - 150 ml of water (mustard jar) directly on the laundry.

Tips

For whiter laundry, add 1 tablespoon of sodium percarbonate directly onto the laundry.

Add white vinegar to the laundry softener dispenser to keep colours vibrant as well as reducing the build-up of lime deposits (be careful, vinegar may damage washable diaper elastics)





Ex N°3: Make a low-tech with

DESERT FRIDGE OR ZEER POT

Materials list

1 clay pot (or terracotta) 50 x 46 cm*, 1 clay pot (or terracotta) 30 x 40 cm, approximately 45 kg of fine sand, approximately 15 litres of potable water* and 1 breathable cloth cover or towel.

*A Zeer Pot with a 12 kg food capacity

*Using dirty water can contaminate the food in the inner pot. Similarly, the sand must be free of contaminants like hydrocarbons.





Step 1: outside pot

Add a layer of sand to the bottom of the pot thick enough to ensure the internal pot is at the same height as the external pot.

Add water to make sand moist.

Step 2: inside pot

Place the inside pot within the outside pot. Caution: the pot must be stable and sit on the first layer of sand already placed on the inside of the outside pot.

Step 3: sand

Fill the gap between the two pots with successive layers of sand...

Step 4: water

...without forgetting to wet the sand at each layer.

1- Place the system in a dry, ventilated area, away from direct sunlight.

- 2- Fill the Zeer Pot with foodstuffs.
- **3-** Keep the breathable cloth cover moist.
- **4-** Add water to keep the sand moist, usually twice a day.

How it works

The Zeer pot is made from **2** clay pots (or terracotta) set one inside the other separated by a layer of moist sand. The sand is what cools the system. The water in the sand needs energy to evaporate.

Thanks to the **heat** of the inner pot, it will supply the needed **energy** to evaporate the water. This **thermal reaction** causes the temperature inside the inner pot to drop and **thereby keep the food fresh.**

Food items can keep for 15 to 20 days longer than if left in the open and vegetables retain their vitamins.



More low-tech on : www.lowtechlab.org !

Ex N°4: Cooking with no-waste recipes BANANA-BREAD

Ingredients (for 10 people)

150 g of rice flower + 50 g of corn flower (dry)120 g of raw cane sugar (dry)1 teaspoon baking soda1 teaspoon baking powder

Recipe

1- Mix dry ingredients

- 2- Puree bananas with the oil and warm water then add dry ingredients.
- 3- Cook for 5 minutes at 180 °C then for 11 minutes at 160°C.

Chef's advice:

We tend to let our **bananas over-ripen** and throw them out quickly...all you need is to add the banana puree to a standard cake mix and that's all there is to it! You can try it with other **damaged in-season fruit** like apples, pears...it's always tasty!

2 very ripe bananas

150 mL warm water

70 mL vegetable oil

100g black chocolate (dry)



BREAD PUDDING «PIZZA» STYLE

1 day old baguette 2 eggs 20 cL of partly skimmed milk 300 g of in-season vegetables 500 g of left-over cheese or mozzarella fresh herbs (basil) or olives/walnuts

Ingredients (for 2 people)

Recipe

1- Cut the baguette lengthwise

2- Break and beat the eggs into a large dish, add the milk and beat the mixture. Let soak into the bread at least 10 minutes and then turn the bread over.

3- Pre-heat the oven to 200°C. You can either use a pre-greased pan or an oven tray.

4- Wash and cut the vegetables into cubes or slices. Slice the cheese.

5- Place the baguette halves into the dish or pan. Place the vegetables and the cheese on the bread. Season with salt.

6- Optional - before cooking you can add olives or walnuts and after cooking add fresh herbs (basil, rocket lettuce).

7- Cook for about 10 minutes. The bread should be lightly toasted on the sides. Add fine-ground pepper and it's ready!

Chef's advice:

The idea here is **not to waste bread or cheese**. But it's also **important to eat vegetables in season!** In the **spring**, you can garnish the bread with asparagus, cauli-flour or turnip. In **summer**, tomatoes, bell peppers, aubergines, zuchini...In **fall** and **winter** squash (butternut, pumpkin) spinach, cabbage, carrots (remember to pre-cook)...

Organic, local and in-season! This is the winning combination for recipes respectful of the environment and our health!

WATER FAMILY GAMES



Go to our internet site: <u>waterfamily.org/wateracademie/</u> and download our open source games. With each game you'll learn more about each theme from this guide. You can print out the game board, questions cards and play in class, with your family or friends!













THE WATER CYCLE GAME: WATER ODYSSEY

The objective is to understand the importance of the source of life and learn how to protect it across the 4 different geographic terrains: oceans, valleys, plains, mountains through 7 themes: agriculture, tourism, domestic water use, nature, transportation, industry, climat.

Concept co-created with Agence de l'Eau Adour-Garonne and SUEZ

THE HUMAN WATER CYCLE GAME: THREATS AND RESOURCES

Learn about human impacts in accessing water resources for us as individuals, farmers, industry, and learn how to manage this resource.

Concept co-created with CACG (Compagnie d'Aménagement des Coteaux de Gascogne), l'Agence de l'Eau Adour-Garonne et Écocène

SPOT THE DIFFERENCE IN BATHING WATER QUALITY GAME

Learn about how water quality standards are designed and different kinds of pollutants in the water we swim in.

Concept co-created with Communauté d'Agglomération du Pays Basque

THE DOMESTIC WATER CYCLE: THE WATER GAME

Identify our impacts on water and learn how we can consume and pollute less in the different parts of a house.

Concept co-created with Agence de l'Eau Adour-Garonne and SUEZ

THE ECO-SENSITIVE COSMETICS GAME

Learn how to make a low-impact sun screen, good for your health and the environment.

Concept co-created with EQ

IN MY PLATE, OUR BASQUE COUNTRY GAME

Learn about the connections between the food we eat, our health, water, and landscape.

Concept co-created with Euskal Herriko Laborantza Ganbara and Ikas bi

2

3

4

5.

6

1

THE WATER CYCLE GAME: WATER ODYSSEY

To start playing, you'll need a dice, pawns or tokens, the downloaded questions, the notes and the rules of the Water Cycle Game at waterfamily.org/water-academie/



THE DOMESTIC WATER CYCLE: THE WATER GAME

To play, you'll need a dice, pawns or tokens, and a download of the questions, notes and rules of the Water game at waterfamily.org/water-academie/





THE WATER ACADEMY

OBJECTIVE? RAISE **AWARENESS AND EDUCATE KIDS** IN PROTECTING WATER AND OUR HEALTH **EVERYWHERE IN FRANCE** VIA:

1. Learning phase

Education is the best way to raise interest and change habits.

- -> 1 child made aware = 7 informed adults
- -> up to 20 years of age, young people build their personal culture that will inform their future decisions.

Our mission: raise awareness and plant the seed of change by sharing stories, stories that are responsive to the new environmental challenges, stories where together we can change the world of tomorrow.

2. The game phase



Our approach and our tools can be adapted to every level at school so that **learning, playing,** experimenting and doing is applied while having fun with what is being learned.

3. The experience phase : Odyssey Juniors

In a festive end of year atmosphere, the Odyssey Juniors (Biarritz, Saint-Jean-de-Luz, Bayonne, Auray, Brest, Chamonix, etc.) are **brought together** for a chance to exchange and share the Water Responsible program.



ACTING TOGETHER AT THE SOURCE 3 steps to change the world



With the help of this guide, explore water from A to Z and where you'd like to start taking part: cosmetics and household products, your stuff, your clothes, how get around and especially the food you eat!

Step by step, your eco-actions will become habits...

Responsability drives solidarity. Follow our Water Responsible advice!



Have fun with your parents buying ecoresponsible products and cooking with recipes from the practical exercises. Plant a tree, make your own products, invent a lowtech.... You can also assess your own H2O footprint: www.empreinteH2O.com

Become Water Wise!





3. Reconnect with nature Enjoy nature, discover natural landscapes, join in with water protection or awareness Water Family Days and share your ecoactions to save water and our health at: contact@waterfamily.org



Join the Water Family!

JOIN THE WATER FAMILY WWW.waterfamily.org



Starting in 2009, the Water Family works on awareness building with the general public, the younger generations, business and regional water authorities in water protection. Sports champions are also at our side in this awareness-building mission. Our objective is to highlight patterns of water use and pollution, point to good practices, and provide positive actions so that everyone can take part.



The water agency, Adour-Garonne is partnered with the Water Family since its inception. The educational theme of this partnership matches the awareness and knowledge mission that the Agency has developed over several years. The Agency strives to promote: upstream / downstream partnerships for all stakeholders / resource and water quality protection.

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