



Erasmus+



BRIDGWATER
& TAUNTON
COLLEGE

Green salon project

Lyon 9-10 February 2017

This project has been funded with support from the European Commission. This publication reflects the views only of the author, and the Commission cannot be held responsible for any use which may be made of the information contained therein.



Project Planning

3 Modules



- Environmental and recycling
- Prevention and Risk
- Assignment plan a green salon

- Each Module is taught for 6 weeks for an hour a week
- 6 units within the module. A unit taught each week



Module 1 Environmental and recycling

- ▶ Week 1
- ▶ Subject reducing waste and managing waste
- ▶ Reducing/reusing
- ▶ Reducing the salons waste thinking about the following areas

- ▶ Water
- ▶ Stock and products
- ▶ Energy
- ▶ Paper
- ▶ Money
- ▶ Time

This project has been funded with support from the European Commission. This publication reflects the views only of the author, and the Commission cannot be held responsible for any use which may be made of the information contained therein.

Activity

- From your salon retail stand, choose a retail product and count how many are in stock.
- Ask your manager how many have been sold in last 2 months.
- Do you think your salon stocks the right amount of product , too little or too much



This project has been funded with support from the European Commission. This publication reflects the views only of the author, and the Commission cannot be held responsible for any use which may be made of the information contained therein.

Activity

- ▶ If a stylist mixed up 5% more tint than they needed for each colour client, over 20 clients a whole tube of tint has been wasted

($5\% \times 20 = 100\%$ - a full tube)

1. If in one week, six salons stylist wasted 5% of tint, and carried out a total of 50 colour services- how many tubes of tint have been wasted?

This project has been funded with support from the European Commission. This publication reflects the views only of the author, and the Commission cannot be held responsible for any use which may be made of the information contained therein.



Week 2

Recycling

► Electrical Items/plastic cardboard etc.

Consider the following

Straighteners

Hairdryers

Clippers

Kettles

Washing machines

Computers

Phones



This project has been funded with support from the European Commission. This publication reflects the views only of the author, and the Commission cannot be held responsible for any use which may be made of the information contained therein.

Recycling – continued Food and hair

- Use for compost – making rich healthy soil
Donate to your local allotment group
- Insulation of salon – maintaining heat and saving
- energy



This project has been funded with support from the European Commission. This publication reflects the views only of the author, and the Commission cannot be held responsible for any use which may be made of the information contained therein.

Safe Disposal



Consider the following

- ▶ Prevent pollutants escaping into the environment- How?
- ▶ Disposing toxic chemicals?
- ▶ How to handle and dispose of material and chemicals safely and appropriately?

Week 3

Reducing energy products and paper

Consider types of energy usage in salons

- ▶ Lights
- ▶ Appliances
- ▶ Washing
- ▶ Drying
- ▶ Fridges/heaters
- ▶ Electricity
- ▶ Insulation in the buildings

One Planet Living 

- **Globally;** humanity is currently consuming 50% more natural resources than the Earth's ecosystems can replenish [WWF].
- **United Kingdom;** if everyone in the world were to consume natural resources and generate CO2 at the rate we do in the UK, we'd need three planets to support us.
- We only have one planet and need to stop over consuming our planets resources by making sustainable changes in our homes and places of work.



- **Concept of One Planet Living (2-46mins)** <https://www.youtube.com/watch?v=h3N27cm89v6>



Activity

- ▶ At your shampoo area, fill a bucket with warm water and log how many gallons of water you use in one min.
- ▶ Ideally the flow should be 2.5 gallons a minute.



Week 4

Using recycled, eco-friendly furniture

- Using low chemical paint
- Using organic and hypoallergenic hair products
- Using Ultra low hair colourants
- Using environmental friendly product package



Week 5

Encouraging carbon-reducing journeys to work

- ▶ Students to work out there carbon food print activity

<http://carboncalculator.direct.gov.uk>



Week 6

National legislation or requirements about Environmental protection and Recycling

- Control of emissions into the environment
- Waste management
- Environmental and sustainable working practice

Module 2

Prevention of Risk

Week 1 Dermatitis the risk

- ▶ What is work related dermatitis?
- ▶ The main signs and symptoms
- ▶ What causes dermatitis
- ▶ How to prevent dermatitis
- ▶ Bad hand day campaign



Week 2 Occupational asthma, respiratory issues

- ▶ What is occupational asthma, respiratory?
- ▶ The main signs and symptoms

Like other types of **asthma**, it is characterized by **airway** inflammation, reversible airways obstruction, and bronchospasm, but it is caused by something in the workplace environment. **Symptoms** include shortness of breath, tightness of the chest, nasal irritation, coughing and wheezing

- ▶ What causes asthma, respiratory issues

Ammonia in colour

Phenylendiamine (PPD)

Hydrogen peroxide

Sodium hydroxide

- ▶ How to prevent asthma, respiratory issues

How to prevent?

- Ventilation
- Low odour products
- Dust free products
- Dust mask



This project has been funded with support from the European Commission. This publication reflects the views only of the author, and the Commission cannot be held responsible for any use which may be made of the information contained therein.

Week3 Ergonomics in hairdressing

- What are musculoskeletal disorders (MSD)
- Risks among hairdressers
- Risk factors
- Prevention via appropriate furniture, equipment, clothing and shoes
- Prevention through good techniques and the correct posture.





Week 4 Physical factors (microclimate, noise, lighting)

- ▶ Room temperature and humidity, rate of indoor air exchange,
- ▶ Lighting
- ▶ Noise



Week 5 Ways to Eat Healthy No Matter How Busy You Are

- Don't skip breakfast
- Prepare in advance Time management
- Invest in grab-and-go snacks
- Don't eat and work
- Stay hydrated
- Exercise Stress



Week 6 Nails

- Over exposure
- Routes of entry into the body
- Inhalation
- Absorption
- Ingestion
- Allergic reaction

This project has been funded with support from the European Commission. This publication reflects the views only of the author, and the Commission cannot be held responsible for any use which may be made of the information contained therein.



Green salon assignment research

- Size of salon
- Paint to be used
- Ceiling
- Heating
- Walls
- Water consumption
- Wallpaper
- Chairs
- Flooring
- Electrical equipment
- Products

possible mood board

Using textiles

Images

Photographic