



Pathfinder Honour: Trainer's Notes

Glass Painting



Instructions to Trainers / Instructors of this Honour

Thankyou for being involved with this Honour. These notes have been developed to assist in teaching / instructing this honour. We recognise that there is much more information available and we are grateful that you should share your expertise.

Please remember that Honours are designed to develop our Pathfinders in many ways; their interests, their knowledge and their relationship with their Saviour and Creator. Your enthusiasm and creativity will have a huge impact on those doing the honour.

To complete an Honour, the following (where applicable) must be completed satisfactorily:

- Physical and Practical Requirements.
- Honour Workbook.
- Honour Assessment Sheet. (*On SPD Honour Website but Leader's level access is required*).

Additional Reference Material

Balchin, Judy. 'Classic Glass Painting, Inspirations from the Past', Search Press, Tunbridge Wells, Kent, UK, 1999.

Acknowledgements

http://en.wikibooks.org/wiki/Adventist_Youth_Honors_Answer_Book/Arts_and_Crafts/Glass_Painting

Parts these notes were developed from the above Wikibooks site. This is a useful site, but be aware that material on any Wikibooks site is beyond the control of the SPD.

Jane Stephens for her knowledge, expertise and personal notes which formed the basis of these Trainer's Notes

Glass Painting Honour

BEFORE YOU START.

Careful planning and preparation are essential to make this honour a great success. Please give yourself plenty of time to acquire the materials, especially the paints. Oil based paints may not be readily available.

The cost of materials for this honour can rapidly accumulate, particularly when the purchase of special glass paint (viz Vitrea and Vitrail brand paints) is necessary. To ease the financial burden (especially with a large group), using a rotational system to complete the requirements will mean that less paints etc need to be purchased as smaller groups of children rotate through each Requirement. If a rotation system is not used and the purchase of paints and liners etc is kept to a minimum, more time will need to be allocated for each activity as the children may need to share

All the best with your endeavours!

REQUIREMENT 1: Know and adhere to the safety requirements as applicable to the Glass Painting Honour.

Trainers of this honour must ensure that all those involved in this honour know and adhere to the safety issues applicable to this honour:

- Take precautions to prevent injury from the sharp edges of glass which may be on the glass itself or on broken / shattered pieces of glass if it is dropped and broken.
- Understand and adhere to all instructions provided by the suppliers of glass-painting paints. These should be on the container and, if not, insist that they be provided.
- Wear protective equipment when necessary. For example; when painting with oil-based glass-painting paints all involved should wear rubber gloves.

Having said that, please be alert to any hazardous situation which may arise. Thanks for your time and expertise. Let the creative talents loose and - most of all – enjoy!

REQUIREMENT 2: Know the primary colours; the secondary colours and how to mix the primary colours to obtain the secondary colours.

Source: http://en.wikibooks.org/wiki/Adventist_Youth_Honors_Answer_Book/Arts_and_Crafts/Glass_Painting

Red, Blue and Yellow are the primary colours. Green, Violet, and Orange are the secondary colours. Red and Blue make Violet. Blue and Yellow make Green. Red and Yellow make Orange.

Mix this		and this		To make
Yellow	+	Red	=	Orange
Blue	+	Yellow	=	Green
Red	+	Blue	=	Purple

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REQUIREMENT 3: Know the materials used in preparing, painting and baking a glass item for glass painting using water-based and oil-based glass paints.

The materials listed below are those required to complete a glass-painting project at the basic level. To assist trainers and instructors, these materials have been listed as applicable to this honour and can be use as a check list for running the honour.

Glass:

- Clear drinking glass. (Requirement 4)
- Small sheet of flat glass. A glass coaster or glass tile is OK. (Requirement 5)
- Glass candle holder or another glass ornament which will not be used for food or drink.(Requirement 6)
- Incandescent light bulb. (Requirement 7)
- Glass picture frame. (Requirement 8)

Paint

The following brands have been found to be effective. Other equivalents brands may be used as appropriate. Please note some paints can be difficult to find in stores.

- Pebeo Glass Paints:- Vitrea (water-based) & Vitrail (oil-based)
 - Transparent paints - allow light to pass through them
 - Opaque paints - achieve the desired colour, but are not transparent
 - Other mediums for frosted, iridescent, or crackling effects
- Pebeo Vitrea Liner Paints (tubes of paint) for painting outlines
- Jo-Sonja Glass Primer (Part A) & Glass Medium (Part B) – using these mediums allows acrylic paints to be used on glass

Paint brushes

- A selection of brushes of different widths.

Sponges

- Can be used instead of, or in addition to, paint brushes. They are good if you want to paint the entire surface a single colour.

Rubbing alcohol

- Use for cleaning the glass before painting. Don't paint dirty glass! If you don't have rubbing alcohol, you can give the glass a warm soapy wash.

Paper towels:

- Use to wipe off any excess paint from brush, also for cleaning.

Patterns

- Can be placed behind the glass to be painted. Then the design can be copied by tracing the desired parts onto the surface to be painted.

Disposable rubber / latex gloves

- To be used when painting with oil-based glass-painting paints, as these are toxic.

Water

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- To be used for diluting or cleaning up acrylic paints.
- Use for 'floating' oil-based paints in Requirement 6.
- Use for general cleanup.

Cotton buds

- Used as 'fix-it' sticks, dip in water and use to tidy up any errors along the way.

Paint palette

- To use for the various paint colours etc

Oven

- Use to bake water-based paintings in a preheated oven at 160°C for 45minutes.

Containers

- Containers, especially for Requirement 6 (ie old ice-cream container)

REQUIREMENT 4: Paint a picture on a drinking glass.

Before commencing, glasses need to be washed or put through a dishwasher cycle.

Place a paper pattern inside the glass and use Pebeo Vitrea Liner paint to trace the outline of the pattern.

Once the outline is dry (this process can be sped up by using a hair dryer), paint the picture using Pebeo Vitrea water-based paint.

Allow paint to dry for a minimum of 24 hours. Follow the baking instructions on the bottle. (preheated oven to 160°C for 45 minutes). Baking the glass makes the glass paint dishwasher safe (on the top shelf).

REQUIREMENT 5: Paint a silhouette picture on a piece of glass (ie glass coaster or glass tile).

Using black Pebeo Vitrea Liner paint, draw a mirror image picture onto the underside of the glass. You can place a paper pattern on the topside of the glass to trace.

When the liner paint is dry, then paint the picture in using black Pebeo Vitrea glass paint.

Then proceed to paint the background in a colour of your choice. For example; if your silhouette is a tropical island with a palm tree, paint the background in yellow/orange colours to represent a sunset.

This ornament will need to be baked following completion as per Requirement 4.

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REQUIREMENT 6: Using oil-based paints (or acrylic paints if oil-based paints are not available), paint a glass candle holder or another glass ornament which will not be used for food or drink.

The following instructions relate to the use of oil-based paints. If oil-based paints are not available, please use acrylic paints. This will require the glass to be appropriately prepared as outlined in Requirement 8.

Use Pebeo Vitrail oil-based paints. These paints can be difficult to find in stores but in Australia are readily available over the internet @ www.artmaterials.com.au and www.jovian.com.au

BE CAREFUL: These paints are TOXIC – make sure disposable latex gloves are worn.

A glass candle holder or drinking coaster is recommended for this project.

What to do:

1. Wash the glass item in warm soapy water.
2. Put on disposable latex gloves (both the instructor, and the children for dipping).
3. Base paint the glass item all over in 'white' Vitrail paint and allow to dry.
4. Fill an old ice-cream container approximately ½ full with water.
5. Drop droplets of coloured Vitrail paint into the water. The oil paint will disperse across the top of the water. You can add droplets of more than one colour of paint for a more colourful effect.
6. Roll the glass item across the top of the water to collect the oil paints. If you wish to dip the item more than once, it needs to dry between attempts.
7. Once desired affect has been obtained, put glass item aside to dry for a minimum of 24 hours.
8. Dispose of gloves and materials in a responsible manner

DO NOT BAKE ANY ITEM WHEN OIL-BASED PAINTS ARE USED.

DO NOT USE THIS TECHNIQUE ON ANY GLASS ITEM THAT IS TO BE USED FOR DRINKS OR FOOD.

REQUIREMENT 7: Paint an abstract design on a light bulb.

This project is designed to allow the participant's imagination to be set free.

Using Peobo Vitrea Glass Paints & Liners, allow the children to create their own masterpiece.

Tip for Trainers

Using a sharp knife, cut a cross in the box the light bulb is packaged in and push the light bulb base into the incision. This makes a perfect holder for the light bulb to be painted without the children touching the bulb and will allow it to be easily dried.

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REQUIREMENT 8: Paint a hand-painted picture by using the reverse painting technique on a glass picture frame using acrylic paints.

Reverse painting on glass is an art form consisting of applying paint to a piece of glass and then viewing the image by turning the glass over and looking through the glass at the image.

The painting can be realistic or abstract. Realistic reverse paintings are more challenging to create. For example, in painting a face, one must put the pupil of an eye on the glass before the iris. This is exactly the opposite of normal painting. If this is neglected, the artist will not be able to correct the error as he or she will not get in between the glass and the paint already applied. No such care need be taken with the abstract form, but with this form you do not have a good idea what the piece will look like until you are finished painting it.

A glass photo frame is excellent for this project.

What to do:

1. Wash the glass of the photo frame in warm soapy water, or run it through a dish washer cycle.
2. Design a pattern or picture to go around the outer edge of the photo frame, creating a border, allowing a rectangular area in the centre of the glass to mount your photo.
3. Using Jo-Sonja Glass Primer (Part A) and Glass Medium (Part B) – prepare the area of the glass where the pattern is to be painted. (Follow the instructions on the bottle of the Glass products).
4. Once glass has been prepared, use bluetac and place the paper pattern on the outside of the picture frame glass.
5. Commence painting by starting with the top items on the pattern.
For example:
 - Pollen of a flower, before the petals
 - Pupil of the eye, before the iris
 - Baubles on a Christmas tree before the branches of the tree
 - Spots on a dog before the fur of the dog
6. Allow this first stage of the painting to dry and then continue to paint the next levels of paint (from front to back), painting over what you have already done once the previous level is dry. Note that to free-draw letters, symbols or pictures, these will need to be a mirror image of what is to be created.
7. The final step is a background colour to cover all your painted work, to give the picture a solid background.
8. A hair-dryer can be used to speed up the drying process in between each layer of paint, as you work your way backwards.
9. Once the paint is dry, remove the paper pattern and observe your painted piece from the front of the glass.
10. Finish by assembling your photo frame with your desired photo.