

BUILD YOUR OWN GLOW-IN-THE-DARK SOLAR SYSTEM PLANETARIUM MODEL

WARNING:
CHOKING HAZARD – Toy contains small parts and small ball.
Not for Children under 3 years.



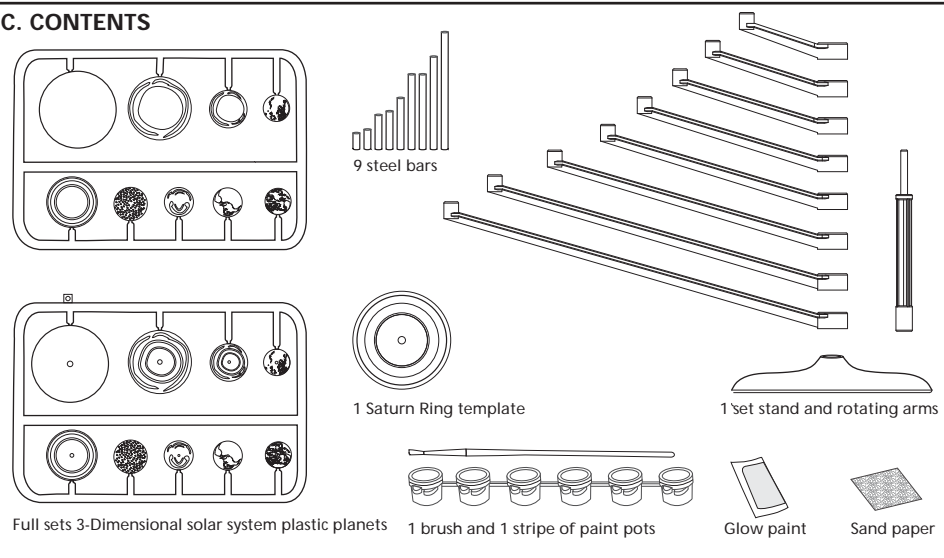
A. SAFETY MESSAGES

1. Please read through these instructions before you start.
2. Intended for children of ages over 8.
3. Adults assistance and supervision required.
4. This kit and its finished product contain small parts and small balls which may cause choking if misused. Keep away from children under 3 years old.

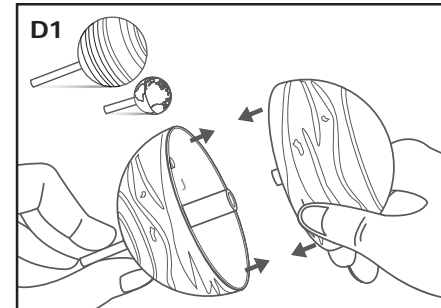
B. OTHER ATTENTIONS

1. Since there are lot of pieces included in this kit, it is recommended that you only detach the plastic pieces from the holding frames when they are needed. This will help to keep the pieces in place.
2. Detach the plastic pieces from the frame with care. You may further polish the detaching points with a nail clipper and sand paper. This will smoothen most uneven edges, facilitating an easy assembling.
3. Always work on a solid, level working surface and try to keep the area neat and clean.
4. If clothes are stained by paint then wash immediately. Dried paint may leave mild stains on clothing even when they are washed. Put on your apron or wear old working clothes as necessary.
5. This is only an inspirational science craft. Due to the requirement of balancing and the limitation of the desk model size, the proportion of the planet sizes and distances could not reflect the real proportion of the Solar System.

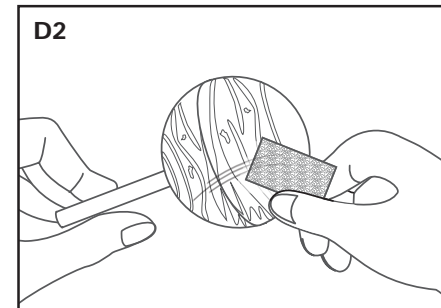
C. CONTENTS



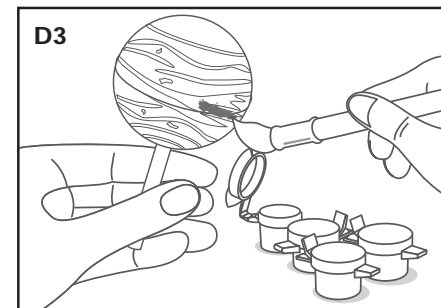
D. INSTRUCTIONS



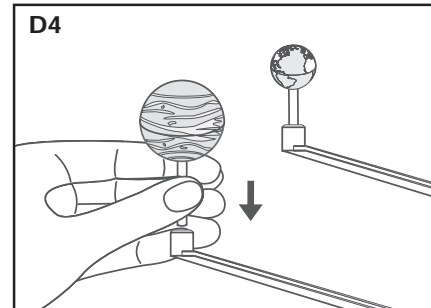
Snap the corresponding hemispheres together. (Remark: For Saturn, you need to insert the ring template in between the two hemispheres.) Their names are embossed on the plastic frame holding them. There are also abbreviation letters embossed inside the planets. Check the abbreviations in the diagram D5. They are in brackets next to the full names.



Before you start painting, use the sand paper provided to sand the surface. The paints apply better on coarse surfaces.



Paint the planets, refer to the package for ideas or see section following for more painting tips.



Insert the steel bars to the corresponding arms. (Remark: Name of the planets are also embossed on the arms)

PAINTING TIPS

Use your own colour scheme or refer to the illustration as shown on the package. For best results apply more than one layer of paint but wait until the first layer is dry before applying a second coat. It is always easier to paint a darker colour on a lighter colour background than the reverse. You may also add a small drop of dishwashing detergent to the paint and mix it. This will help the paint apply on the surface better (especially for plastic surfaces). Follow the colour mixing guide below to produce more colours. (Some of the following guides may not apply to your kit if the required colours are not included)

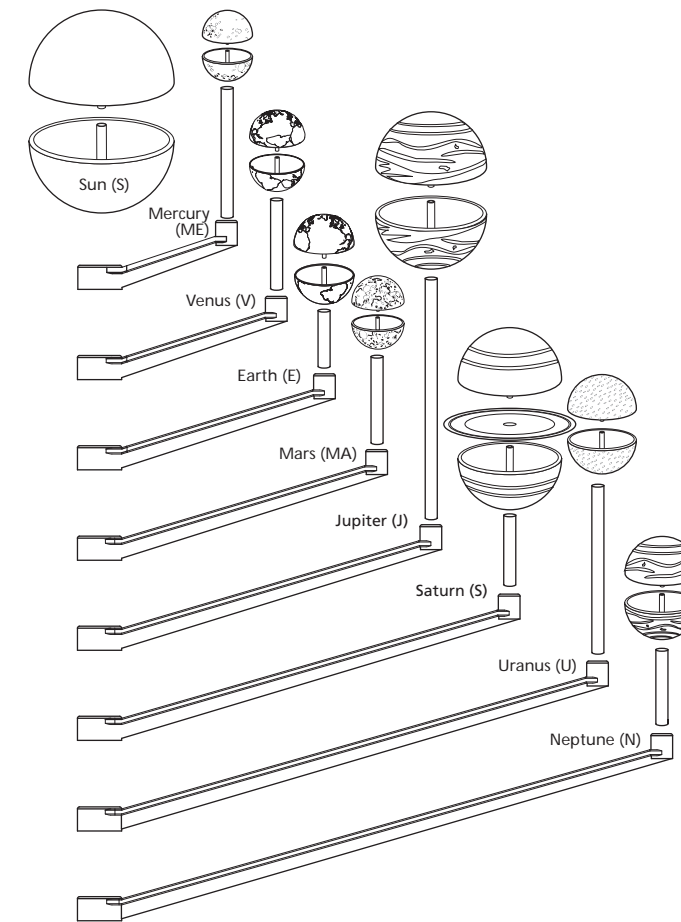
Green = Yellow + Blue
Orange = Yellow + Red
Purple = Blue + Red
Brown = Red + Yellow + little Black
Pink = Red + White
Sky Blue = Blue + White
Lime Green = Yellow + little Blue
Turquoise = Blue + White + little Yellow

Mix the colours with White and Black to make them look lighter or darker respectively. Do not mix too many colours together as that will make final colour look muddy.

Glow Highlight - after the planet has been painted by the original colours, highlights some details with the glow paint. The details will glow in the dark like magic. Experiment mixing the glow paint with other colour paints. It gives the glow paint with a colour tint.

Always wash your paint brush before mixing or applying a new colour. Prepare small cup of water for this purpose. It is also a good idea to use a mixing tray for mixing paints. Close the pot lids tightly to prevent dry up of the paint. If the paint is dry, dilute it with a few drops of water.

D5 Assemble the model by following the diagram. Your own glow-in-the-dark Solar System planetarium model is finished.



E. HOW TO MAKE YOUR PLANETARIUM MODEL GLOW ✦
Expose the model to room light or torch light for a minute. Turn off the light and watch them glow like magic! Recharge them as necessary and they will glow again and again. This glow-in-the-dark fun is as unlimited as your imagination.

QUESTION AND COMMENTS

We treasure you as a customer and your satisfaction with this product is important to us. In case you have any comments or questions, or you find any parts of this kit missing or defective, please do not hesitate to contact our distributor in your country, whose address is printed on the package. You are also welcome to contact our marketing support team at Email: infodesk@4M-IND.com, Fax (852) 25911566, Tel (852) 28936241, Web site: WWW.4M-IND.COM