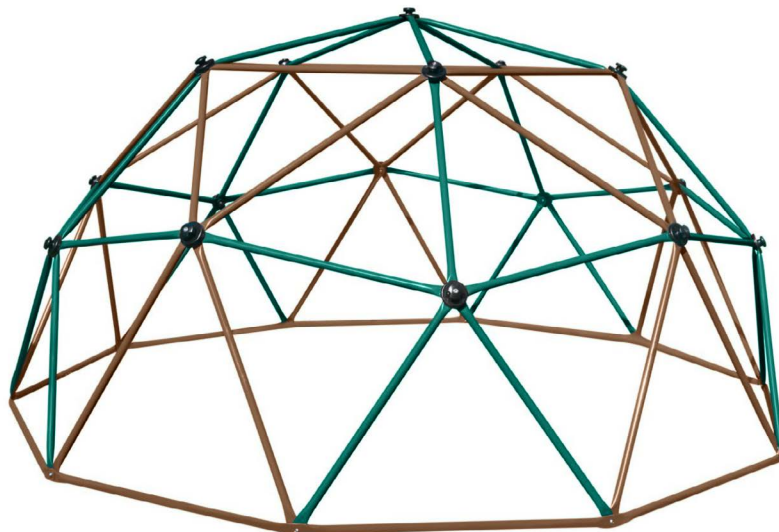
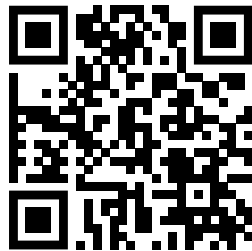




3 Metre Climbing Dome Assembly Instructions

For more assembly tips and hints scan the QR code below or visit
bunyakids.com.au/assembly





SAFETY INFORMATION

READ BEFORE ASSEMBLY

Site Preparation

- Do not install over any hard surface. A fall onto a hard surface can result in serious injury or death.
- Select a level and well-drained location, at least **2 metres** from any structure or obstruction such as a fence, shed, house, overhanging branches, clothes line, or electrical wires.
- Provide enough room so that children can use the equipment safely.
- Remove any obstacles that could cause injuries – such as tree stumps and/or roots, large rocks, bricks, and concrete.

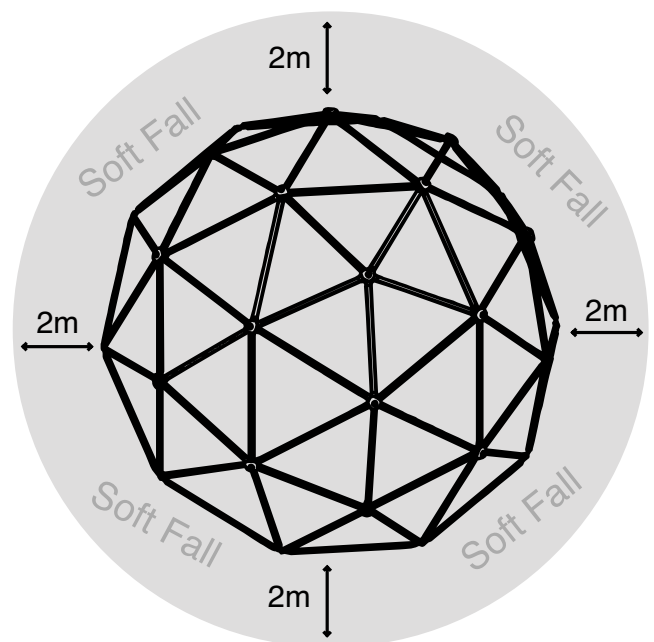
Soft Fall

A soft fall material such as bark chips is required for safe use of the play equipment. The height of the play equipment is **1.52 metres** and you will require **15cm depth or more of bark chips or similar soft fall material**. For further information on soft fall standards see AS/NZS 4422:1996.

Warning: Stainless thread galling

Our climbing dome uses quality stainless steel bolts for longevity. One of the downsides of stainless steel bolts is the possibility of 'galling' or locking up which can occur (rarely) when a thread is done up too fast. In order to prevent the possibility of galling please ensure the following:

1. Ensure the dome is assembled on a flat surface.
2. Ensure poles are fitted in the correct order as shown in the manual
3. Before tightening all bolts in the final step ensure poles are in alignment (this can be done by moving the dome as required to make sure it is sitting flat and even.
4. Avoid using power tools to assemble the dome and tighten slowly.
5. Recommended: Use a lubricant on the thread whilst assembling. WD40, Beeswax or oil.












Safety Requirements

- All people using the climbing dome should be aware of the Safety Requirements.
- Adult supervision is required at all times.
- The maximum weight supported by the climbing dome is **350 kilograms**.
- Climbing dome may become slippery when wet.
- Climbing dome may become hot in direct sunlight and could cause burns. Adults should check the temperature of the climbing dome before use.
- To prevent entanglement and strangulation, clothing and footwear should be well-fitting and free of cords or strings.
- To prevent injury, the climbing dome should be kept free of cords, ropes and other objects.
- The climbing dome should be regularly checked and maintained according to page 10.

Parts & Tools

Before assembly, check that you have the required quantity of each part (spares may be included). If you cannot locate all parts, visit bunyakids.com.au/assembly for assistance.

Part #	Part Description		Quantity Required
P1	Green Pole (Short)		30
P2	Brown Pole (Long)		35
H	Hand Hold		16
B1	Long Bolt		16
B2	Short Bolt		10
N1	Nut for Hand Hold		16
N2	Regular Nut		16
N3	Locking Nut		10
W	Washer		36

Allen Key

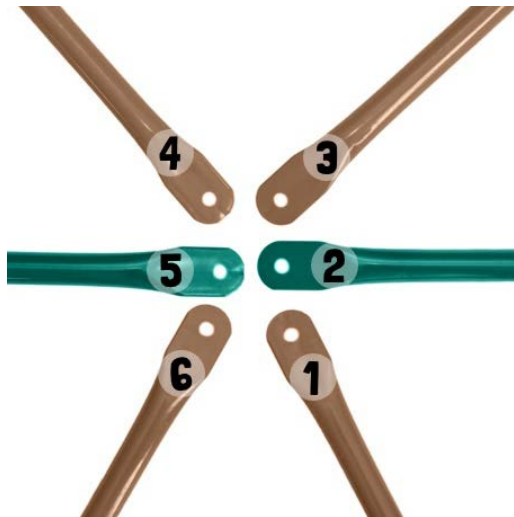


Spanner



Find a soft level surface for assembly (such as grass / mulch / bark chips), the larger the area the better. Avoid assembling on hard surfaces such as brick / concrete as this may scratch the paint of the climbing dome.

Take **2x green poles P1** and **4x brown poles P2** and lay them out as shown below.



Important

Ensure you tighten the bolt firmly in this step it will make aligning the dome much easier in the later steps.

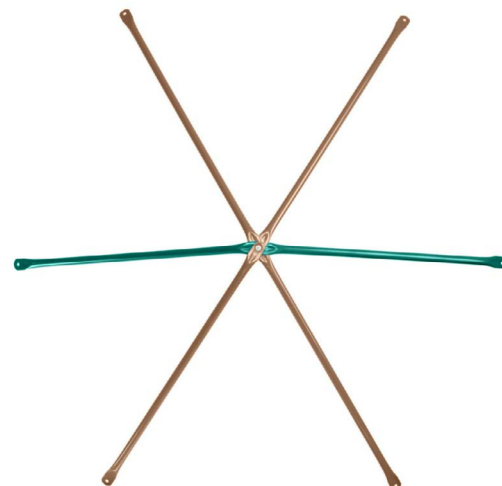
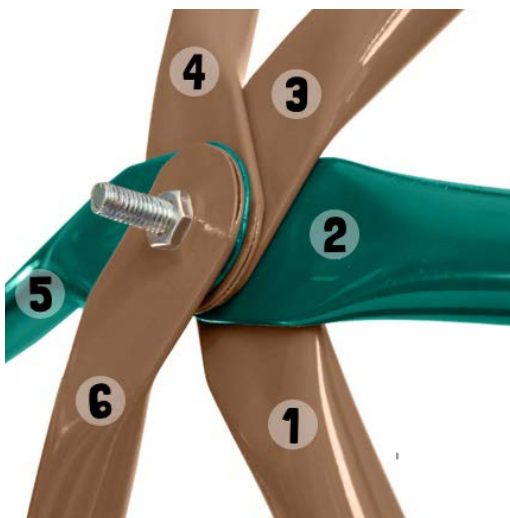
Take **1x long bolt B1**, **1x washer W** and **1x regular nut N2**. Place **washer W** on to the **long bolt B1**.

With the bolt pointing up, starting with the bottom right brown (pole number 1 above) stack each pole onto the bolt working in an anti-clockwise direction (1 then 2, then 3, then 4, then 5, then 6).

Thread the **regular nut N2** onto the bolt and tighten firmly with the spanner and allen key so the joint is firm and each pole stays in place (do not over tighten). *Note: Use the spanner to hold the nut whilst using the allen key to turn and tighten the bolts.*

You will end up with a 6 pointed star with the bolt head and washer on the inside (concave side) and nut on the outside as shown in the pictures below.

Repeat the process above until you have 5 stars like the image below.



Assembly

Step

2

Attach a brown pole to the bottom of each star.

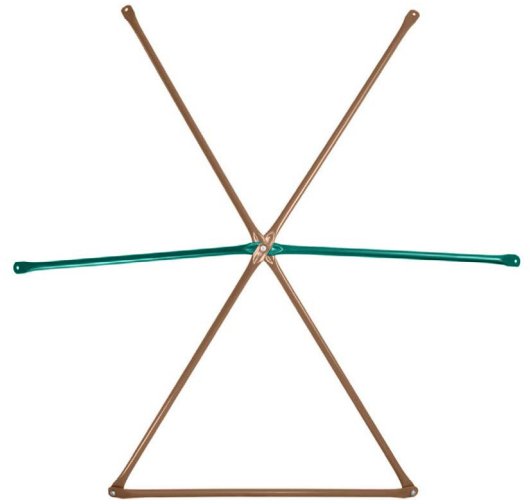
NOTE: The bottom of the star is poles 1 & 6, the innermost and outermost poles - see image on page 4.

Parts Required: 1x brown pole **P2**, 2x short bolts **B2**, 4x washers **W** and 2x locking nuts **N3**.

Place 1 washer **W** onto short bolt **B2**.

This time starting from the outside, pass the short bolt **B2**, through the new brown pole then through pole 6 of the star. Slide another washer **W** onto the short bolt **B2** and thread a locking nut **N3** onto the short bolt. Finger tighten only.

Repeat on the other side (pole 1), so your structure resembles the image to the right. Repeat for all 5 stars so they have a brown pole at the bottom.



Assembly

Step

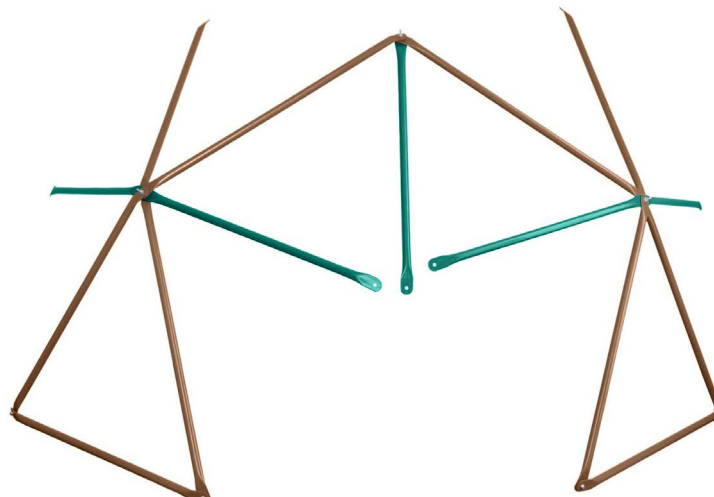
3

Connect two of the stars together. To do this lie two stars next to each other orientated in the same direction with the concave face down and the bottom poles closest to you. Take care not to put weight on the pole when they are unsupported.

Place a washer **W** onto a long bolt **B1**. Take a new green pole **P1** and pass the long bolt **B1** through the end of the pole from the inside.

Then use the long bolt through the green pole to connect the 2 stars. Working in an anti-clockwise fashion pass the long bolt through the right brown pole (10 o'clock position on right hand star), then through the left brown pole (2 o'clock position on left hand star). See image below. Finger tighten the regular nut **N2** onto the long bolt.

Carefully stand the two joined stars up for the rest of the build as shown below.



You are going to create a green star with 5 green poles between the two already assembled 6 pole stars standing. This star utilises the 3 green poles already in place (poles 2,3 and 4 below) and 2 new green poles (poles 1 and 5 below).

Take two more green poles **P1**

Take one long bolt **B1**, one washer **W** and one regular nut **N3**. Place the washer on the long bolt.

Next connect all the green poles together.

The green poles go in a specific order. The new pole you have the bolt through will be pole 1 (bottom right), then working in an anti-clockwise fashion stack existing pole 2, 3 and 4 (in that order) onto the long bolt and finally new pole 5.



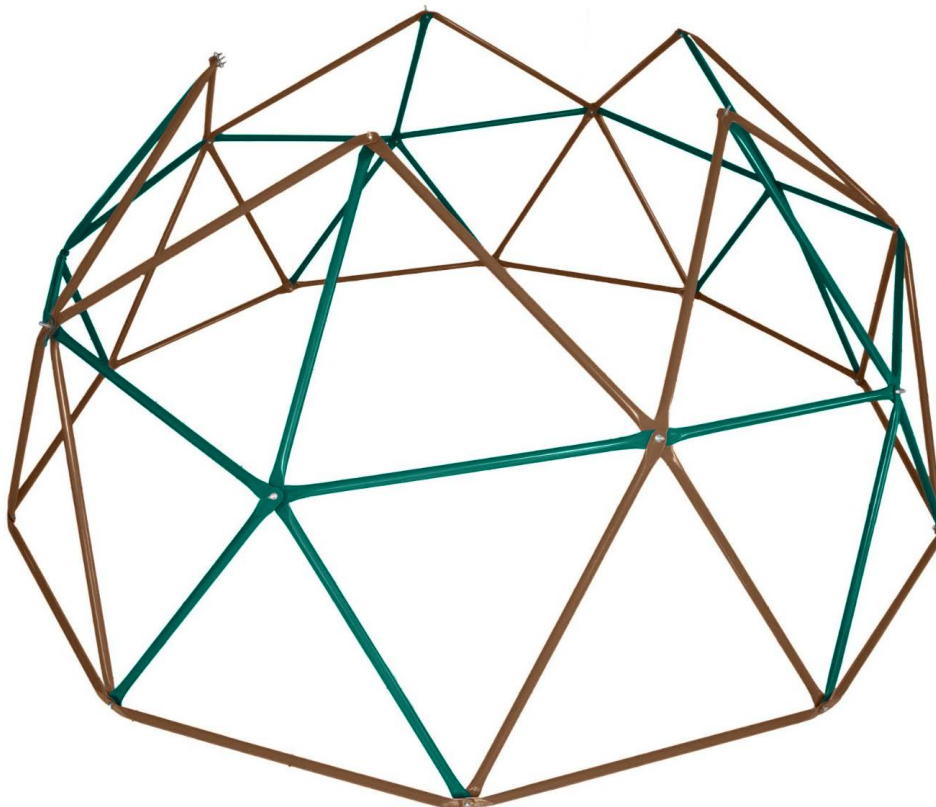
Once you have the poles ordered as above onto the long bolt, thread a normal nut **N3** onto the bolt and finger tighten.

Take a new brown pole, this will be used as a bottom pole.

Undo the locking nut and inside washer. Remove the short bolt from the bottom joint. It is helpful to have an assistant support the structure whilst you do this. Then thread the new brown pole (pole 1 - **see image on right**) onto the bolt, followed by the existing bottom brown (pole 2), the green (pole 3 - bottom left of the green star) and lastly the upward-pointing brown (pole 4) as in the image to the right.

Repeat on the bottom right side of the green star. Starting with the new brown (pole 1), existing brown (pole 2), green (pole 3) and then lastly the upward brown (pole 4). You will end up with a joint as shown on right.

Repeat steps 3-5 above until the bottom layer is completed. Be sure to repeat the pattern, layering the joints in the same order. Once done your dome should look like the image below.

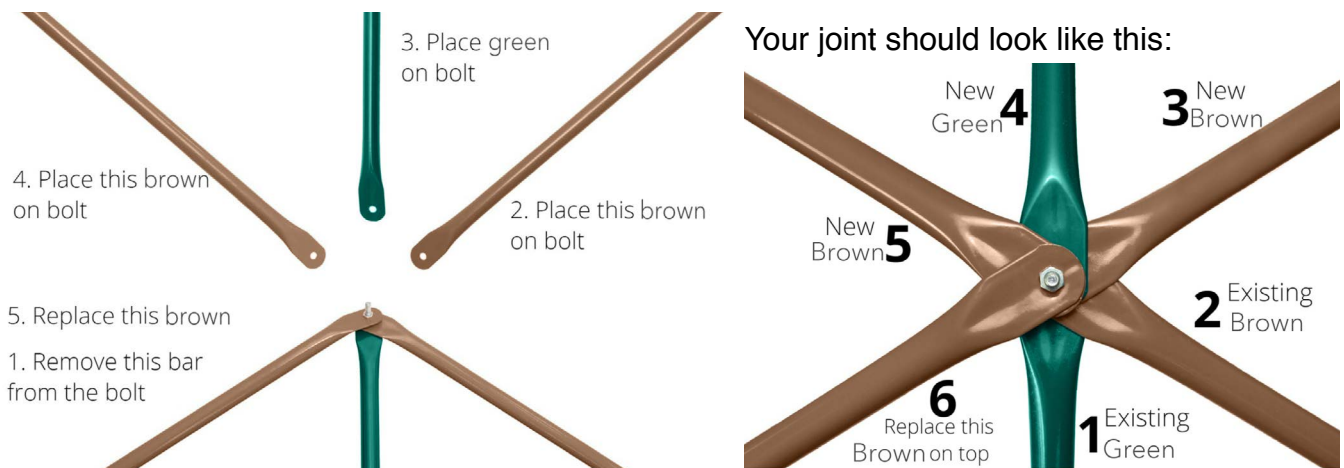


Move yourself and all the remaining poles and hardware inside the dome to complete the build. At one of the uppermost joints, undo the nut and slide the top brown pole (this should be on your right when you are facing outwards *pole1 - left image below*) off of the long bolt.

Take two new brown poles **P2** and one new green pole **P1**.

Again, working in an anti-clockwise direction stack the new poles onto the long bolt. You may need to rest the poles on your shoulders while you place them onto the bolt or have your assistant support them.

Place a new brown (pole 2 - left image below), a new green (pole 3 - left image below), another new brown (pole 4 - left image below) on the bolt and replace the brown pole removed earlier (pole 6 - right image below). This will ensure the poles starting from the bottom green vertical are stacked in an anti-clockwise direction.



Note: (you can rest one of the loose brown poles on the bolt of the next joint to hold it there for when you are ready).

Move on to the next joint on your left. This time you will need one new green pole **P1** and one new brown pole **P2**. As before, undo the nut and remove the top brown pole (see steps in left image above). Proceed to place poles in an anti-clockwise direction (images above). Place the new brown pole and then new green pole on the bolt, followed by the brown pole from the previous joint you just made, then replace the brown (pole 6 - right image above) you removed.

Assembly

Step

7

Take 1 x long bolt **B1** 1 x washer **W** and 1 x regular nut **N2**

In an anti-clockwise direction, stack the poles onto the long bolt in the same order as the image to the right. Thread the regular nut onto the end of the long bolt, completing the joint.



Assembly

Step

8

Carefully work your way around all joints including the bottom poles, tightening them with the supplied tools.

Add holds **H**. These are applied to all 5 and 6 pole joints (not the bottom joints at ground level).

Take a black hold **H** and place one on each joint.

Note: the notch in the under surface of the hold needs to sit between pole 1 and 5 (5 pole joint) or between pole 1 and 6 (6 pole joint) - *see images below*.

Secure the hold **H** by threading a hold nut **N1** through the hold and onto the end of the long bolt **B1**. Take care not to cross-thread the hold nut.

Repeat across each joint, tightening each hold using the supplied allen key ensuring the notch under the hold remains correctly orientated.



You're all done!

Congratulations on completing your Bunya Kids climbing dome!

If you Require any further assistance please visit bunyakids.com.au/assembly for support and further hints and tips.

Maintenance

- Check for loose nuts & bolts.
- Check poles and hand holds for damage and replace as required.
- Look for any signs of rust or corrosion and sand / repaint as required.
- Rake and check depth of soft fall protective surfacing materials to prevent compaction and to maintain appropriate depth. Replace as necessary.

The climbing dome should be regularly checked to ensure continued safe use. Please see the hints and tips to the left. If you have any further questions please contact us at bunyakids.com.au.

Wash/clean equipment regularly. Use of climbing dome in extreme conditions such as coastal areas with sea-spray, etc may void warranty.