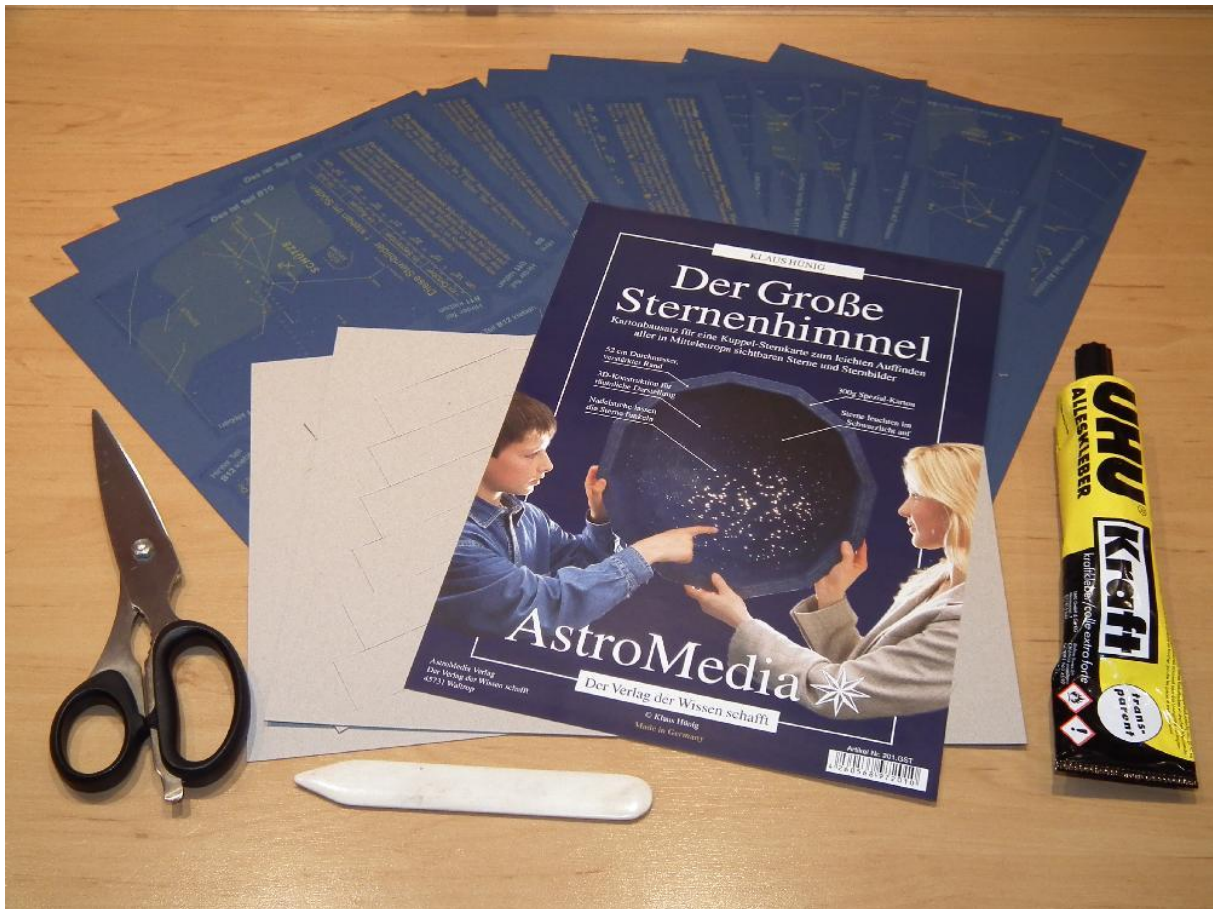


Illustrated construction manual: The Great Star Dome

© Michael Monscheuer

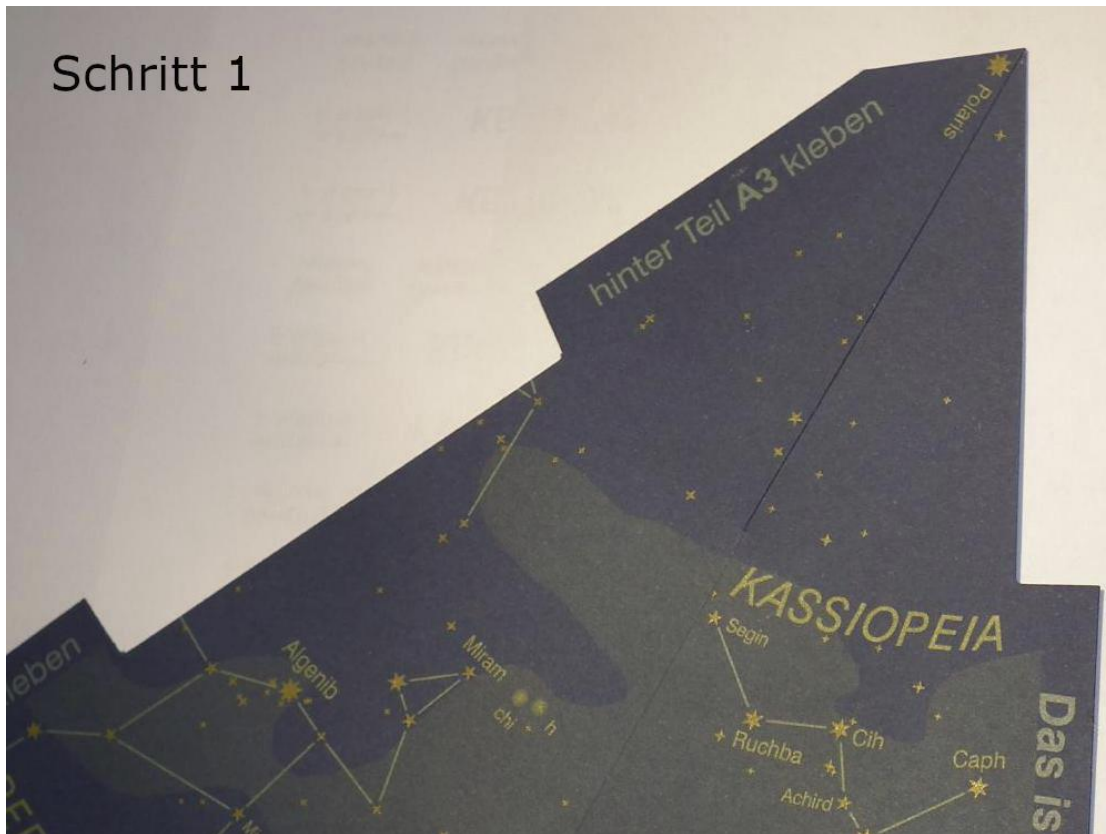
<https://michelswunderland.de/solderiron/stars.html>



Freshly unpacked - sheets of cardboard, instructions, and tools.

Also helpful are a pin for spreading glue in hard-to-reach places and a pot and a cylinder-like object about 60 cm high (e.g., an appropriate vase). See also below.

Schritt 1

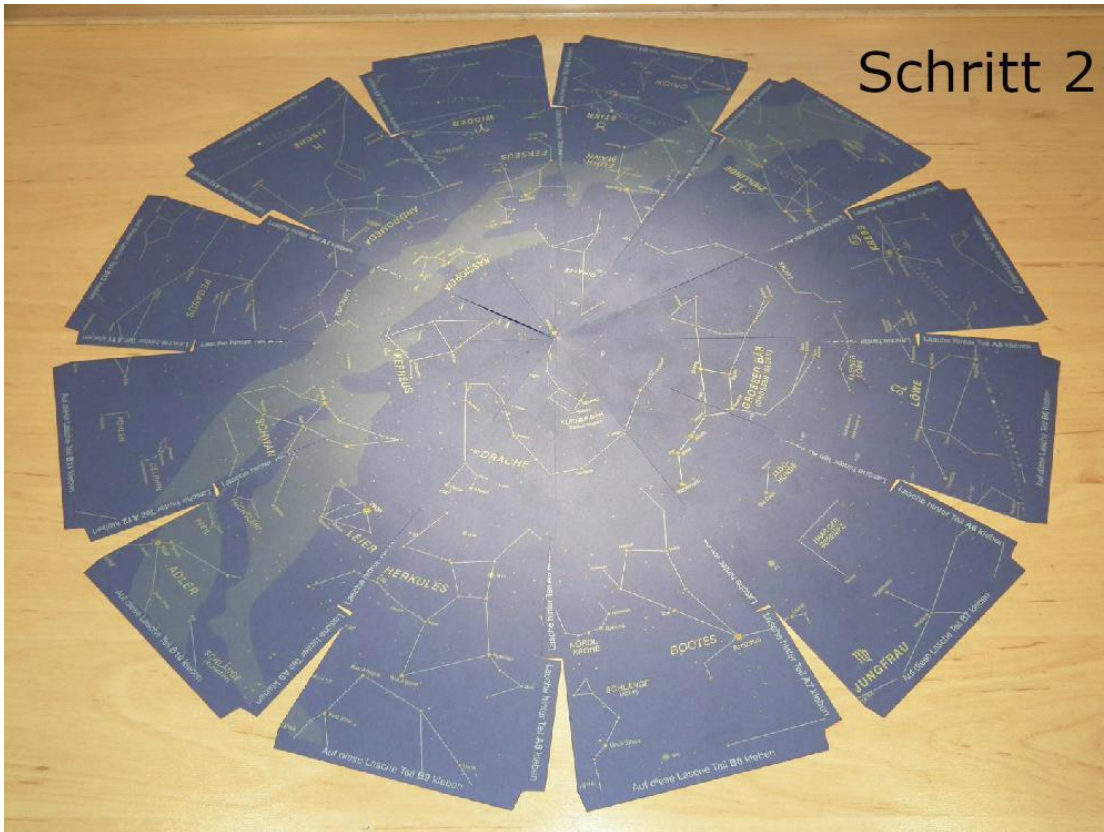


The two parts needed for **step 1**, the tips of which must be glued exactly to each other.



Schritt 2

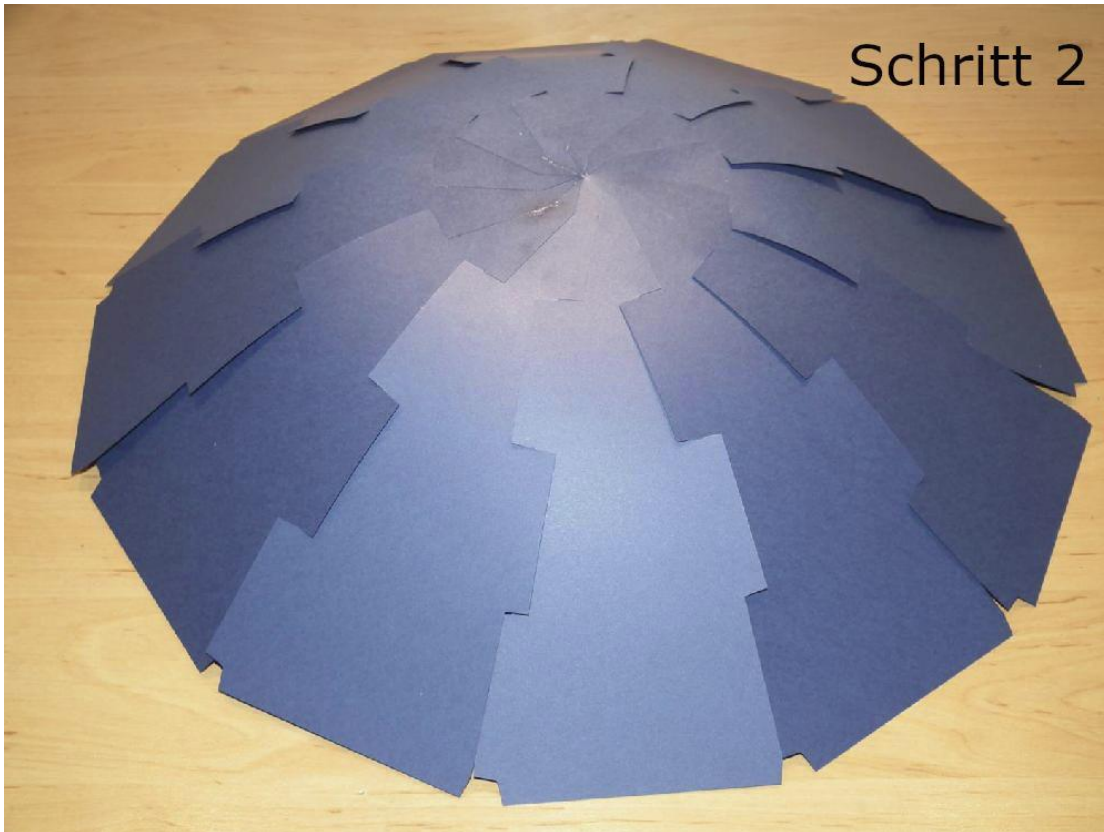
In **step 2**, the bonding with the other parts A3 to A12 is carried out according to the procedure as in step 1.



Bonding A12 to A1 is not possible on a flat surface. Help yourself...



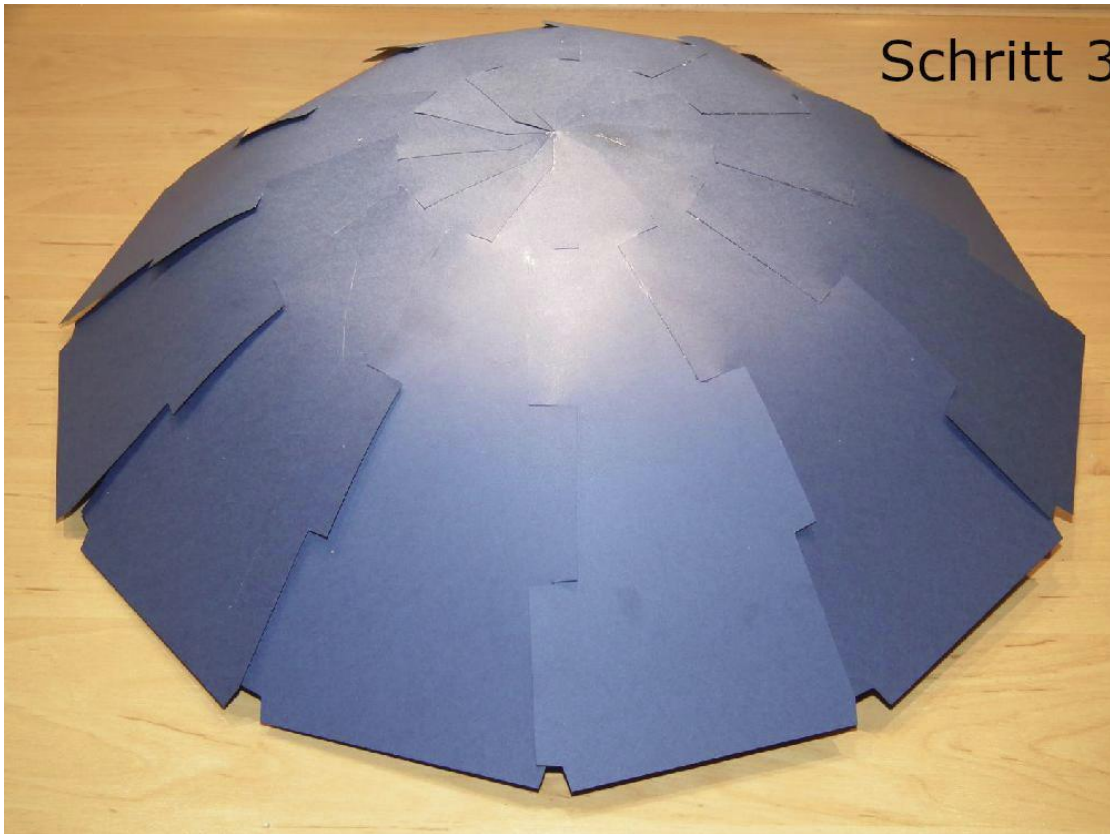
...with something supporting the centre of the flat cone from below.



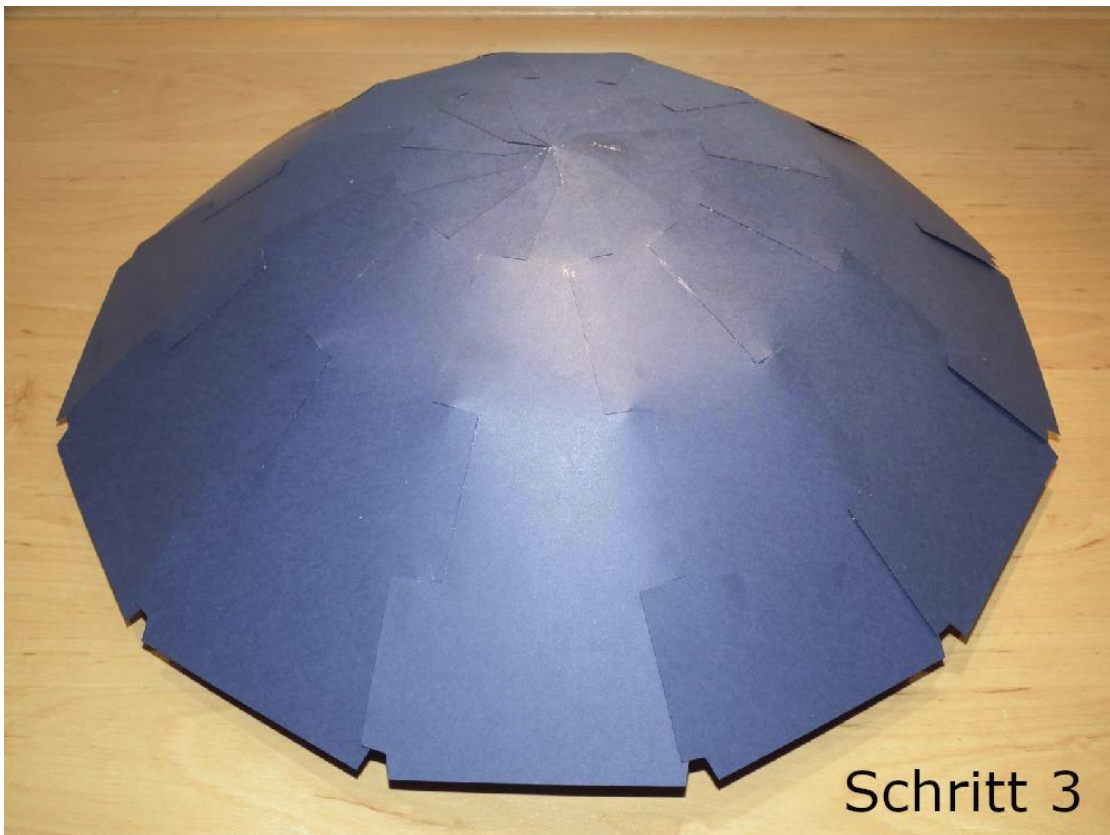
Step 2 is now complete with the creation of the flat cone.



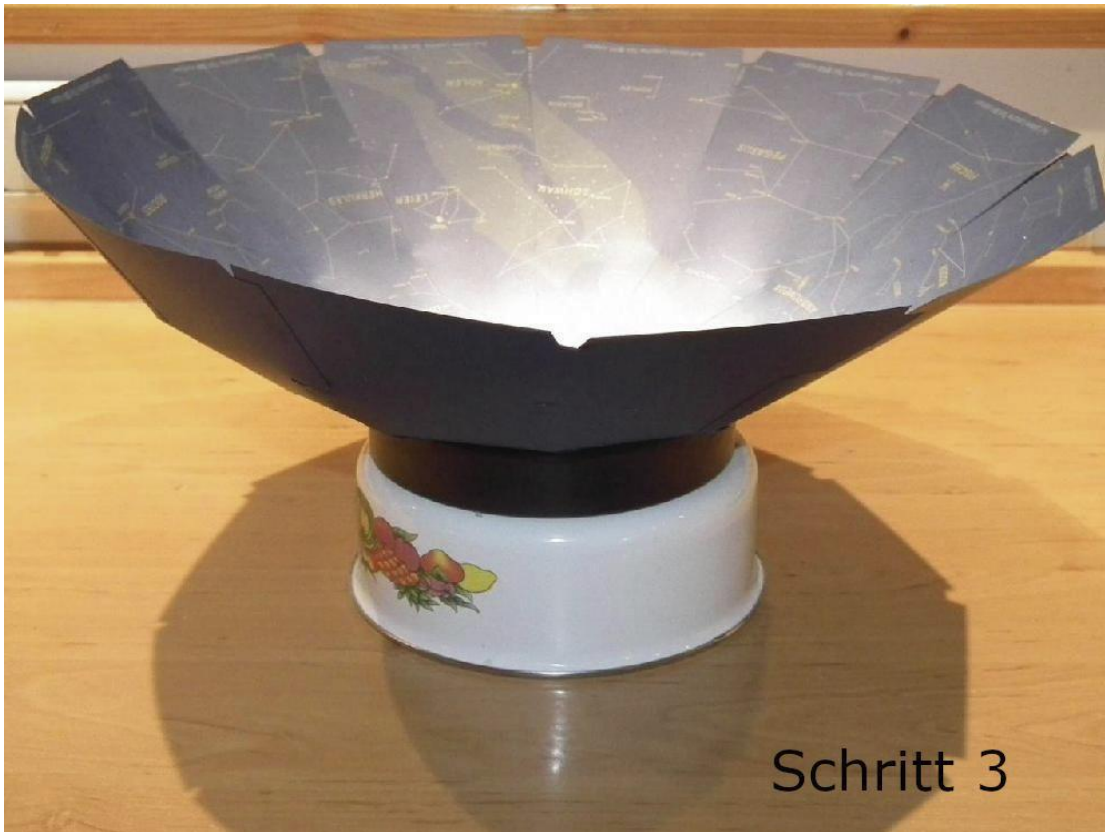
A pin is helpful for applying the adhesive and spreading it in places that are difficult to access.



During **step 3**, the other tabs of parts A1 to A12 are glued together.



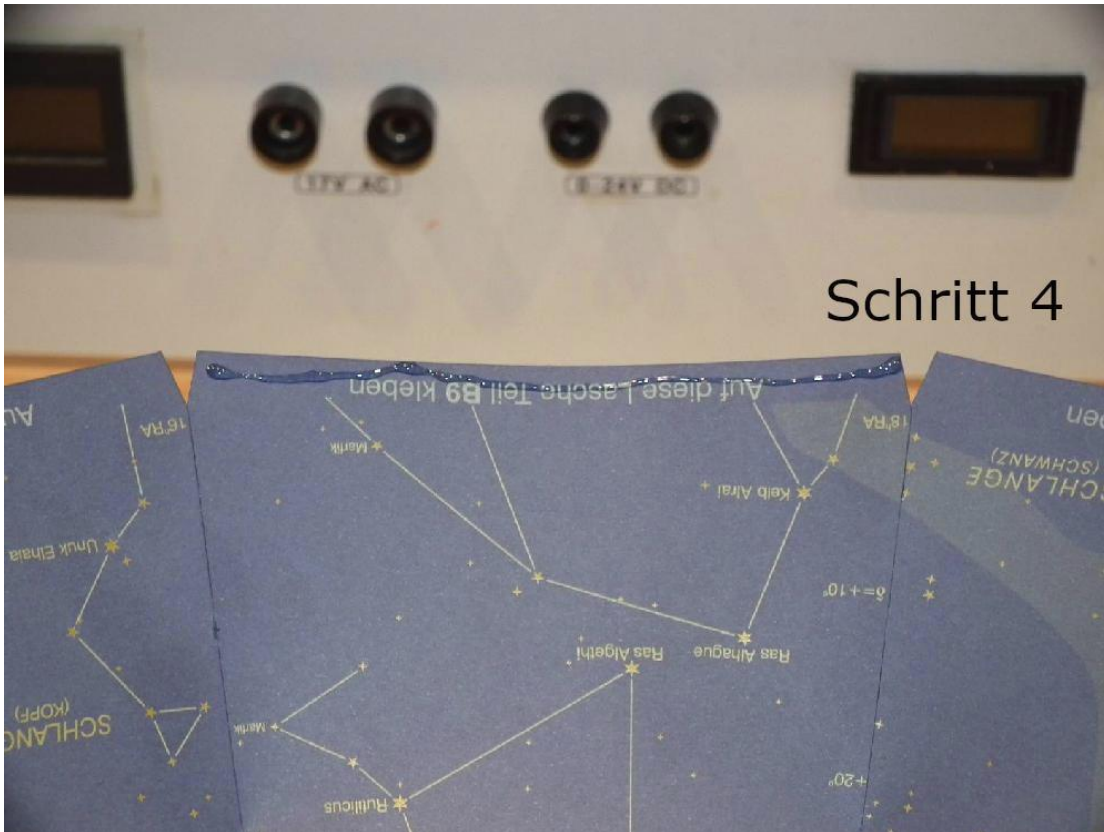
Further gluing of the flaps in **step 3**.



For the final round of gluing required to complete **step 3**, place the object back on its "tip".

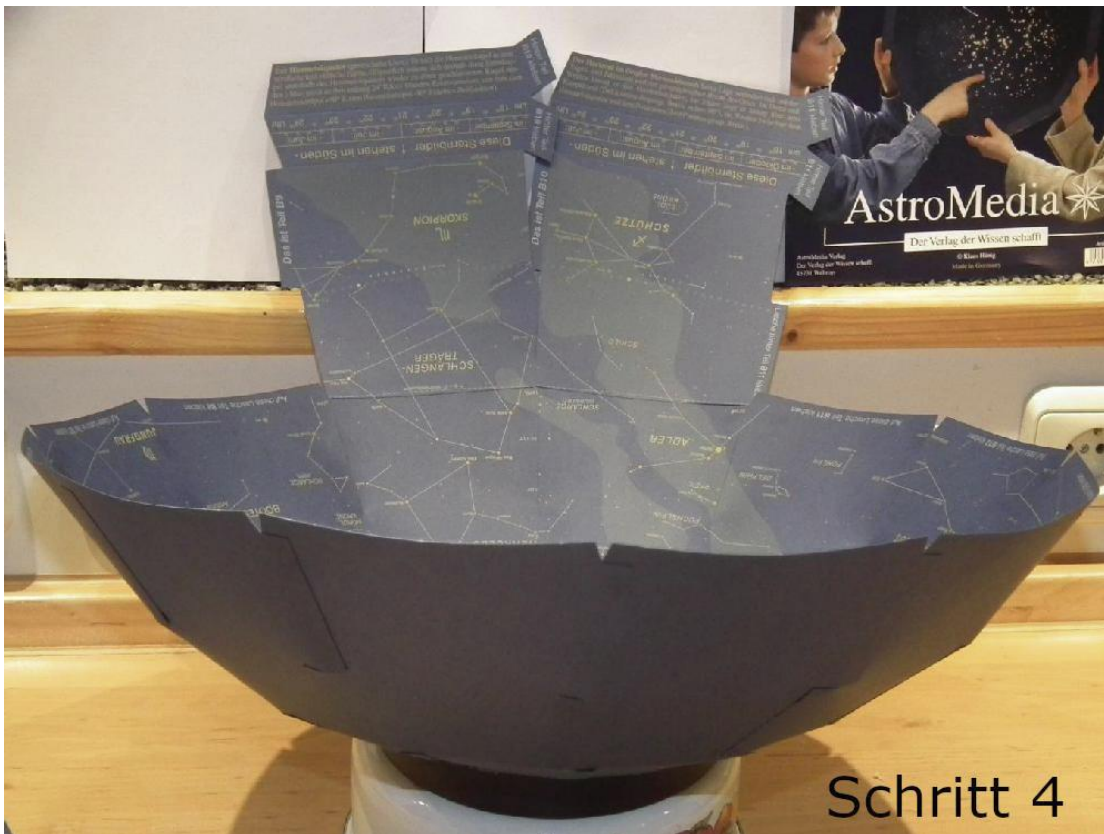


After completing **step 3**, all tabs of parts A1 to A12 are glued together.



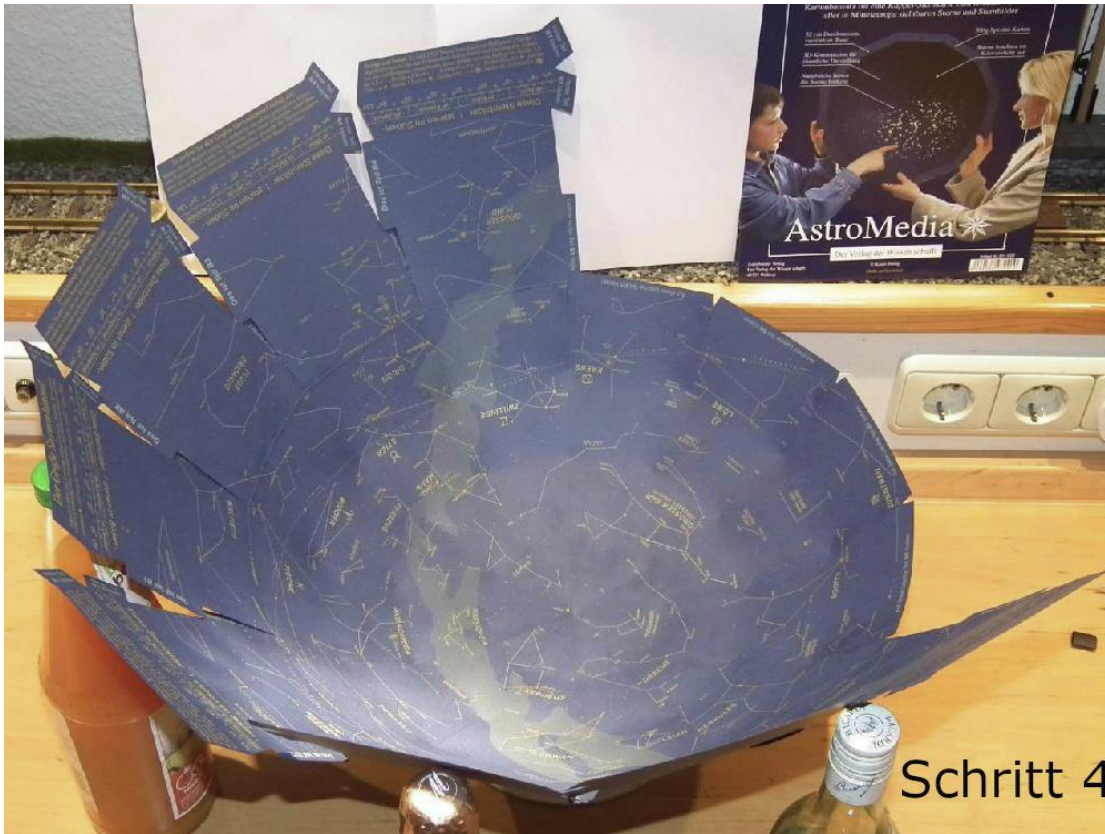
Schritt 4

In **step 4**, glue parts B1 to B12 to the corresponding A parts. Start by applying the adhesive to an A part and...



Schritt 4

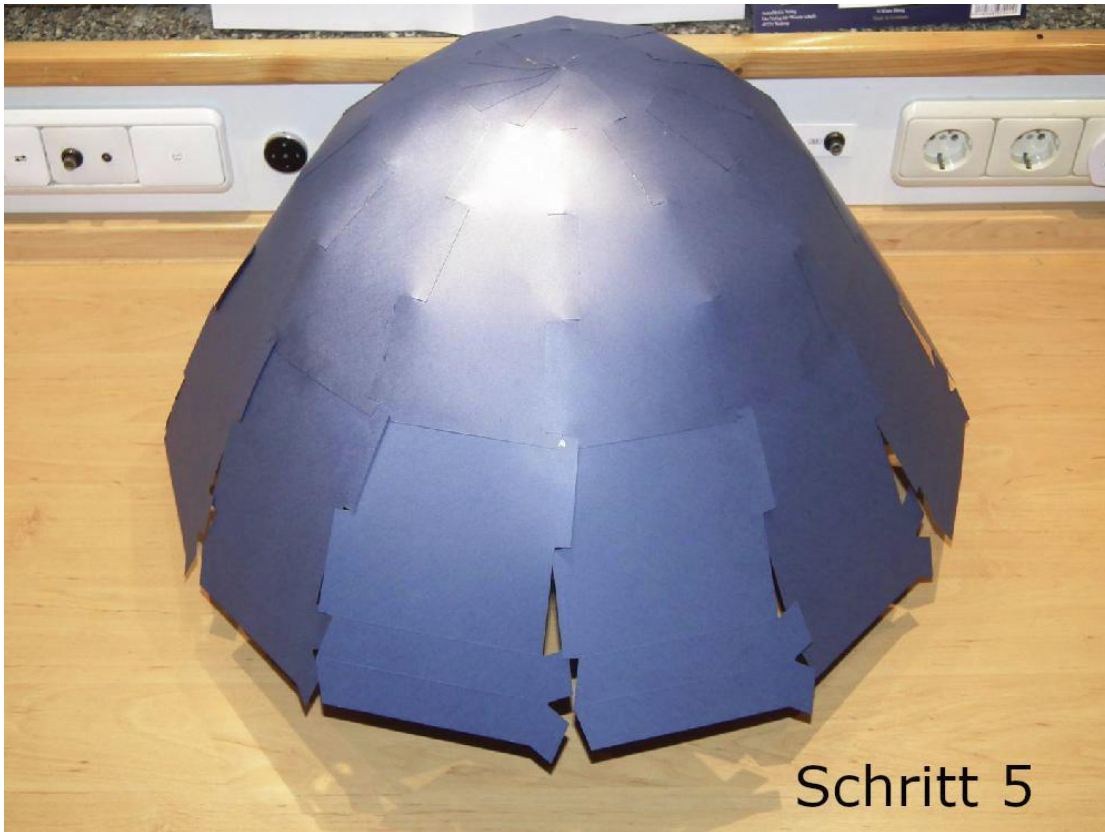
...continue with the other B-parts according to the previously known procedure.



Again, some tools are used (**Step 4**).



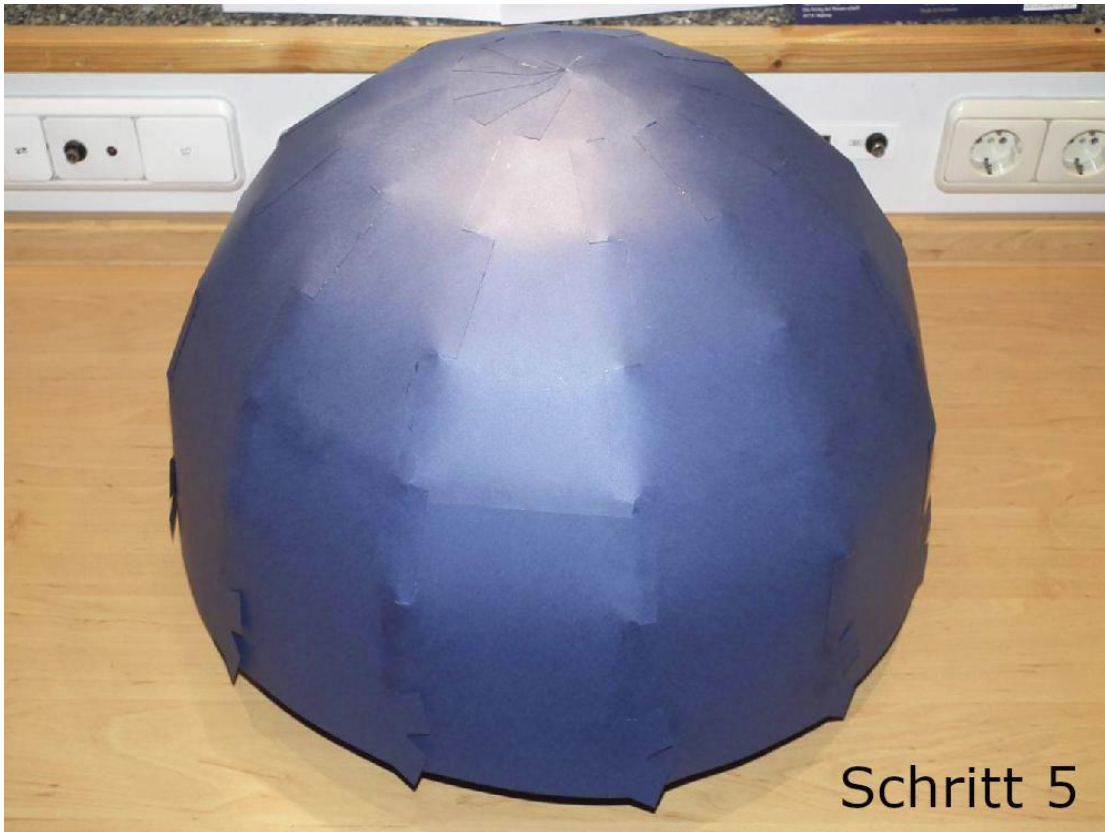
The vase assists in gluing the tabs of the B parts.



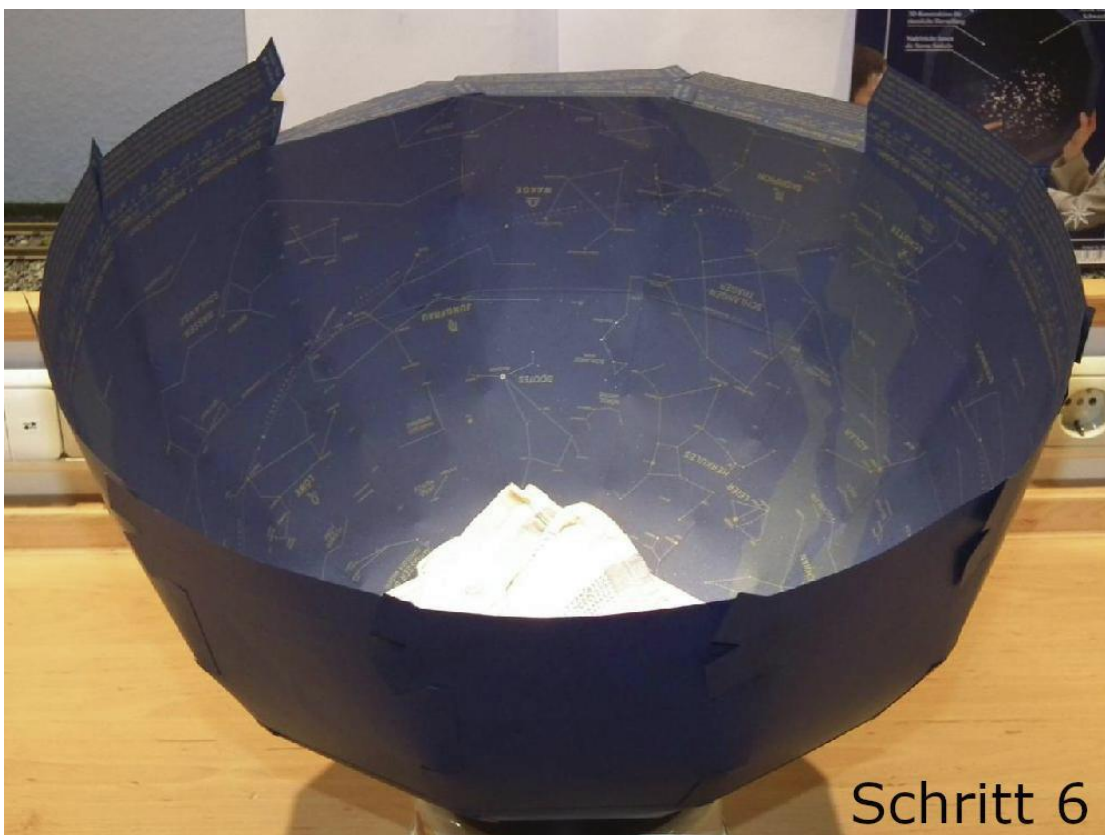
Step 5: To glue the tabs of the B-parts, the object is put on the vase.



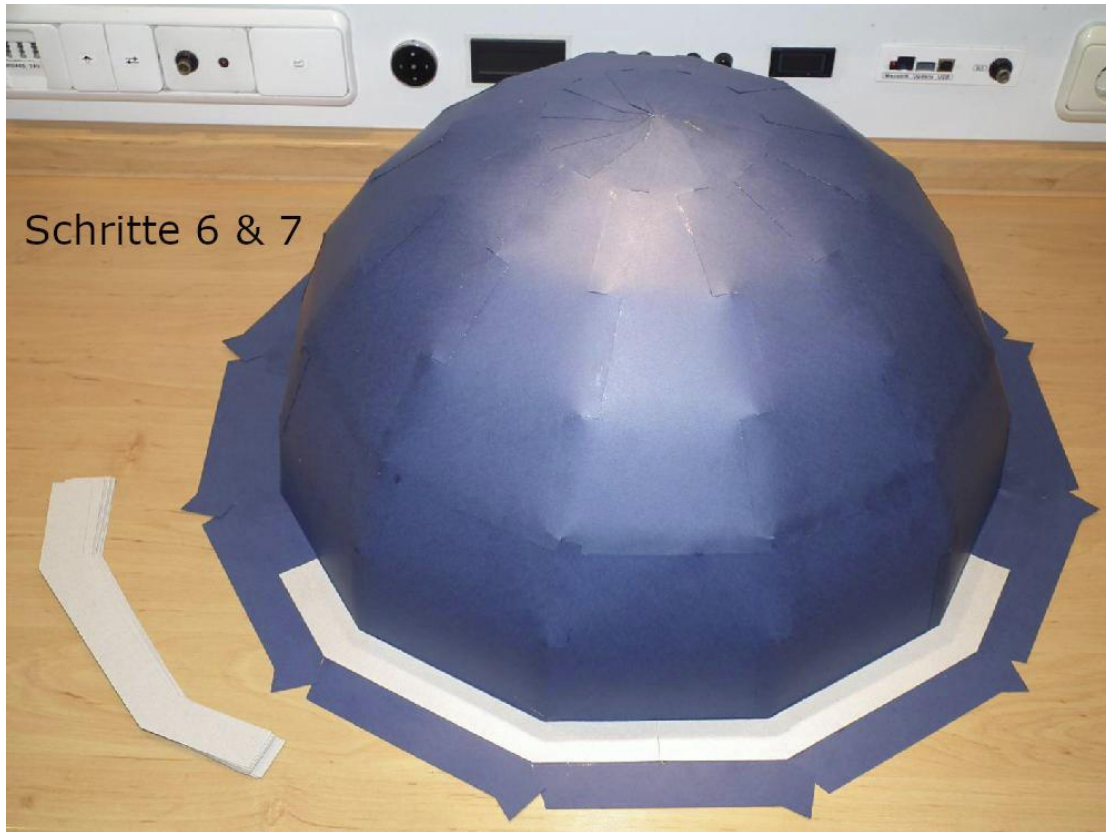
The application of the adhesive is much easier here than before, as the tabs can be bent over without kinks here before bonding (**Step 5**).



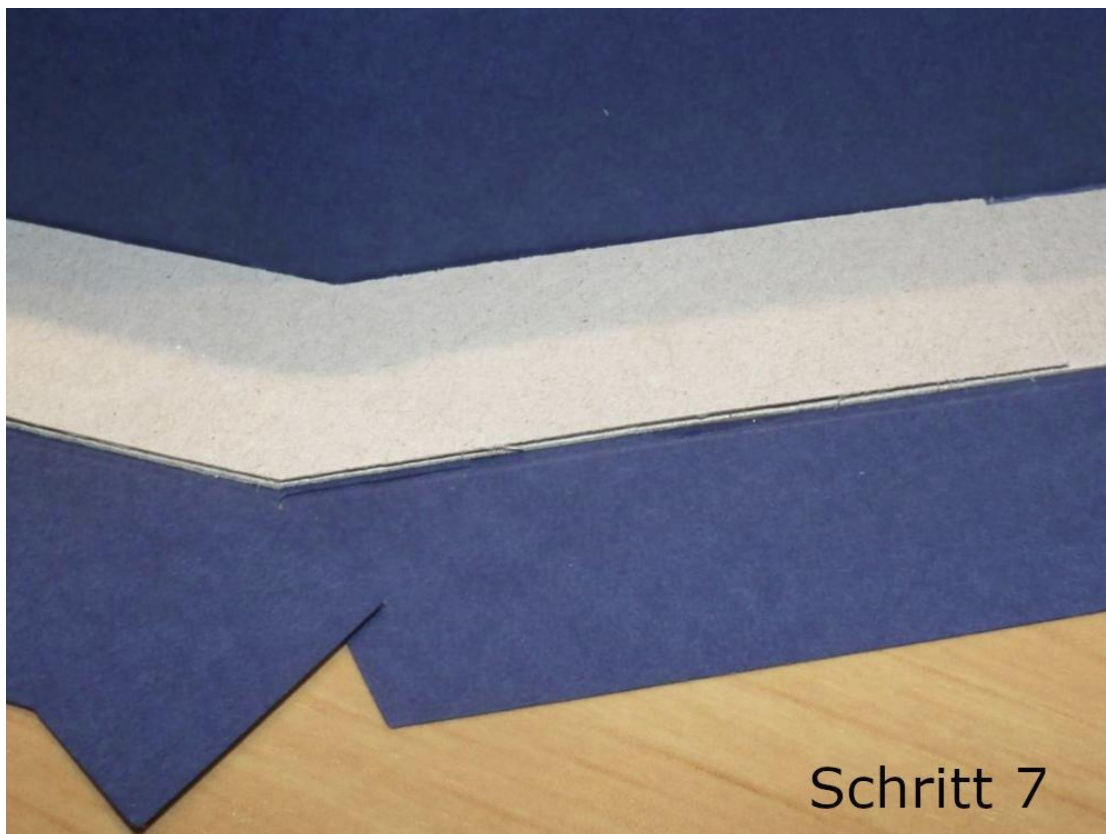
View of the object after completing **step 5**.



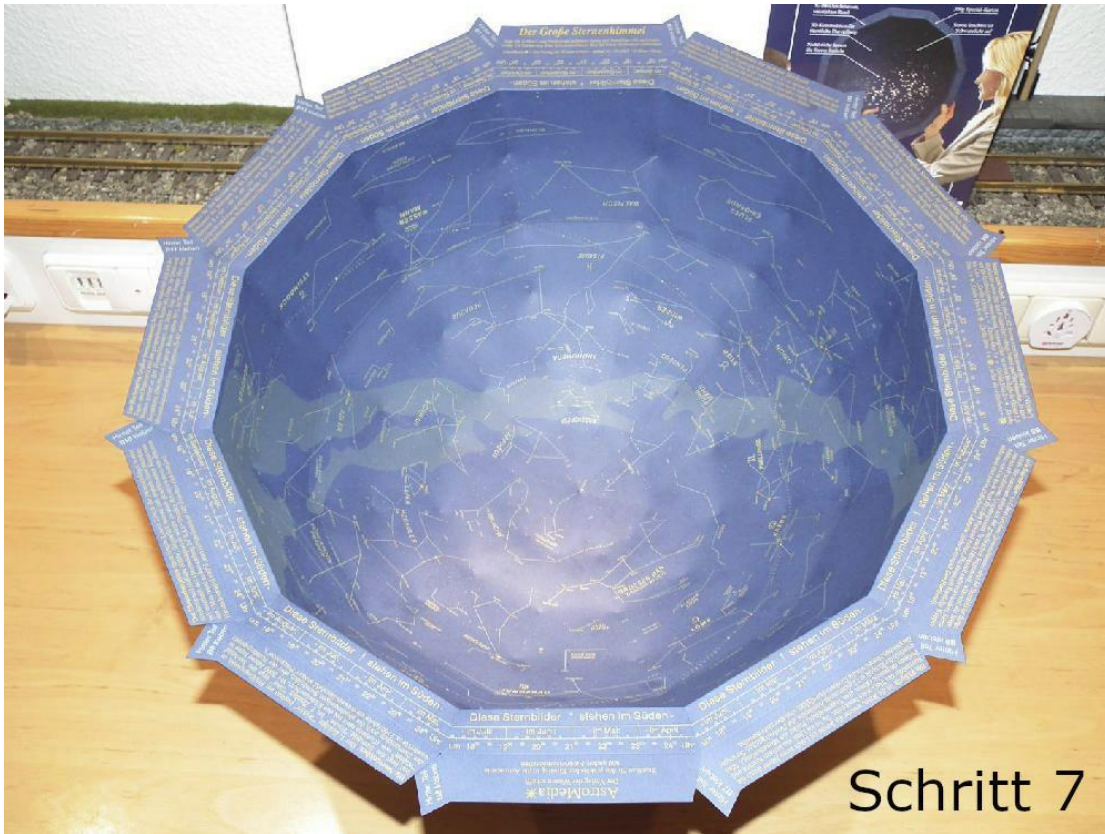
In **step 6**, the edges of the B-parts are folded outwards, and their flap is glued to that of the respective neighbouring part.



Steps 6 & 7: The flaps of the edges of the B-parts are glued together, the first layer of reinforcing brackets is attached.

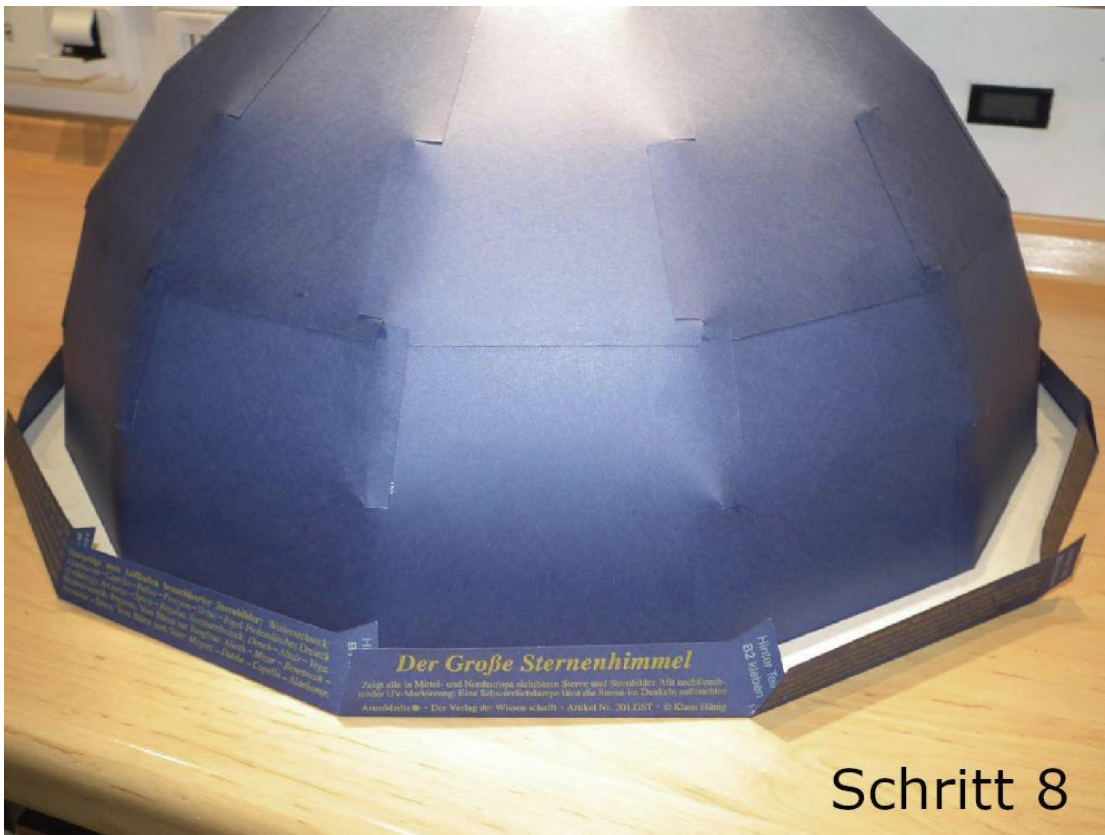


Step 7: Staggered gluing of the second layer of reinforcing brackets.



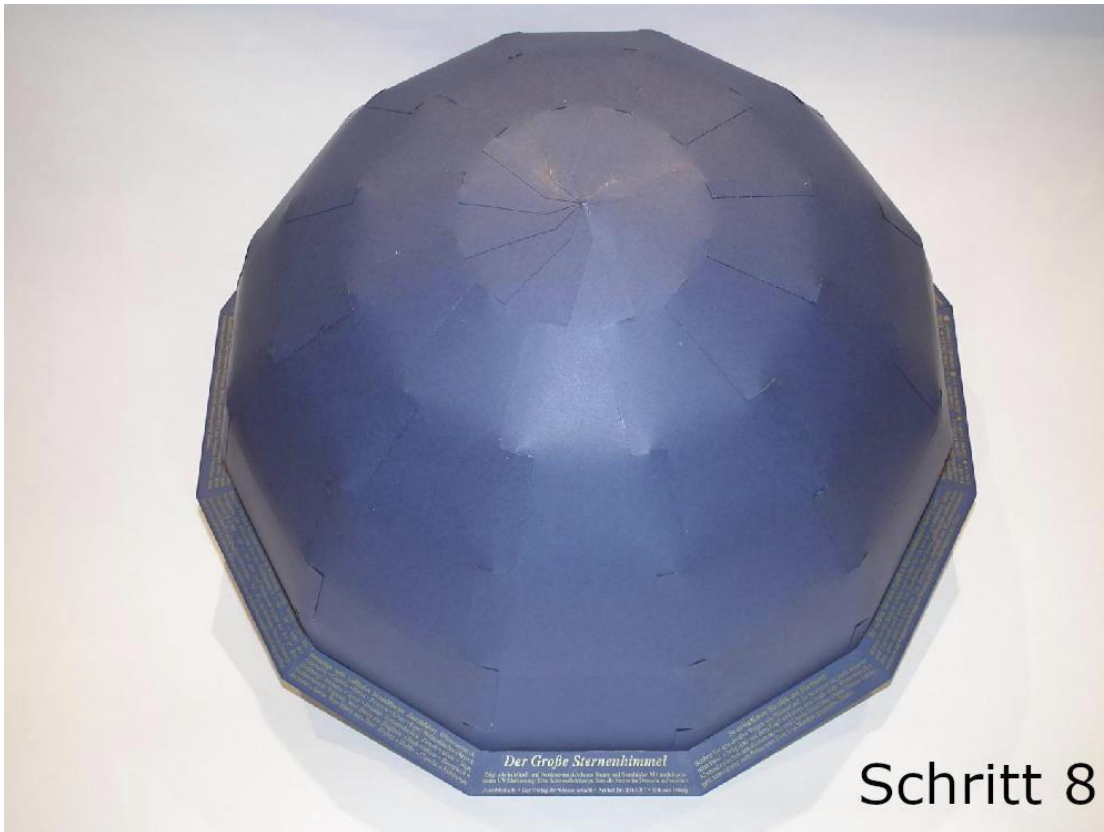
Schritt 7

Step 7 is complete - view of the printed side.

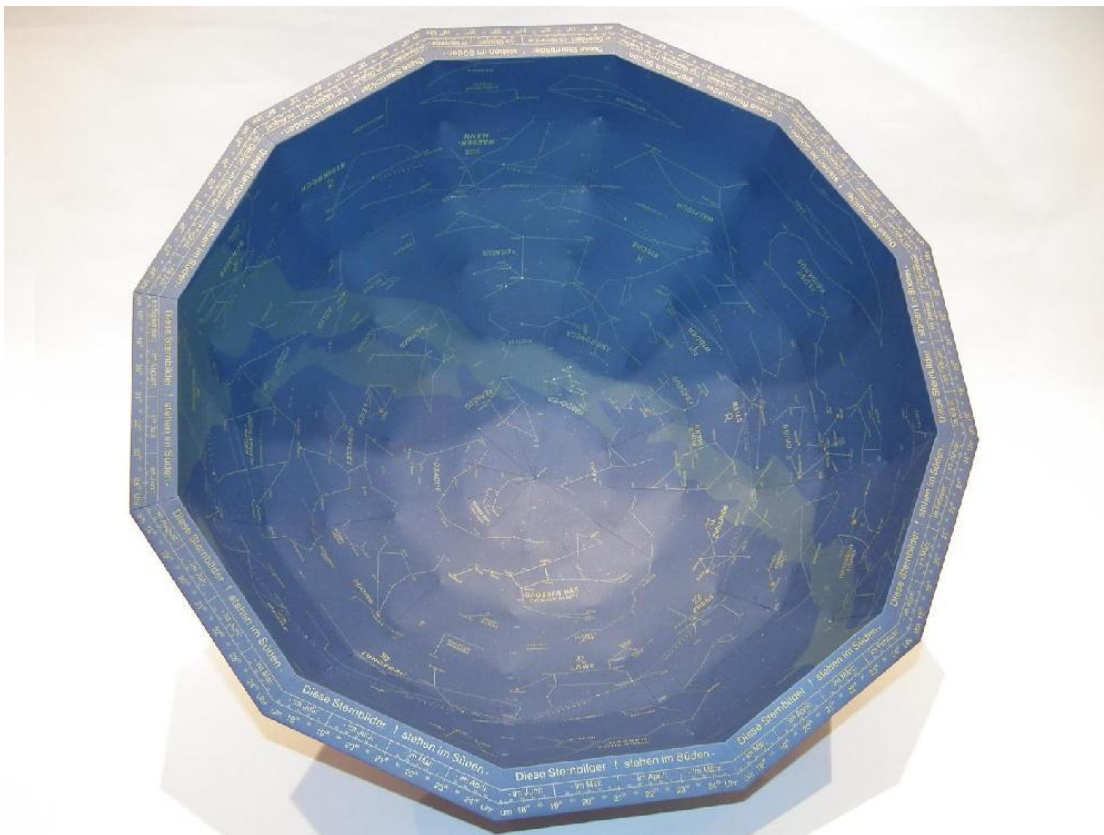


Schritt 8

In step 8 the edge parts are folded over and...



...glued onto the reinforcing brackets.



The construction of the three-dimensional representation of the starry sky is hereby completed. An impressive object due to its size and information content!