

This Balloon it! Requires:

✓ 120 x 30cm (12")
Black
LINK-O-LOON®s

✓ 60 x 30cm (12")
White
LINK-O-LOON®s

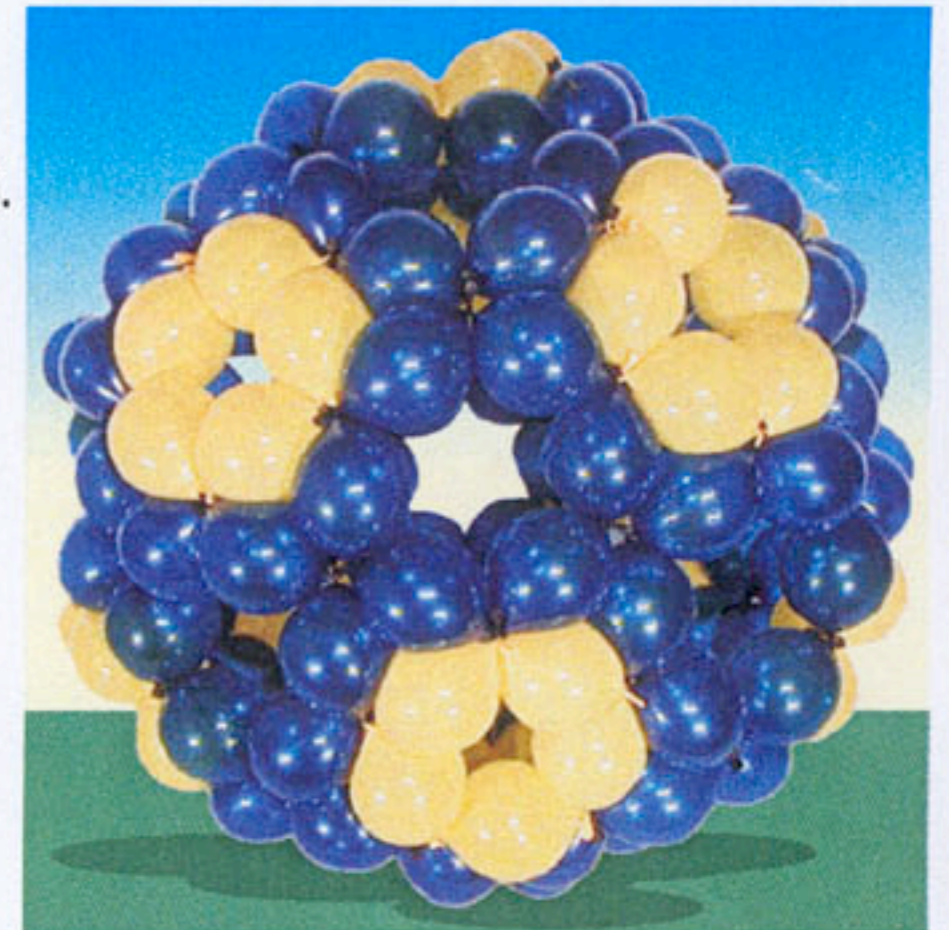
LINK-O-LOON® Soccer Ball

INTRODUCTION

One of the most exciting design potentials of LINK-O-LOON® is the ability to create this over-sized soccer ball. Though complex in appearance, this LINK-O-LOON® sculpture is a simple repetition of two basic elements. The visual impact will delight your client and far outweigh your effort in construction.

APPLICATIONS

- Soccer club gala ball centre piece
- Multi-coloured beach ball
- Shopping centre sports display
- Rotating trade show eye-catcher



MATERIALS & EQUIPMENT

- 120 Black 30cm (12") LINK-O-LOON® (makes 20 rings of 6)
- 60 White 30cm (12") LINK-O-LOON® (makes 12 rings of 5)
- Balloon sizer
- Air inflating equipment

STEP BY STEP

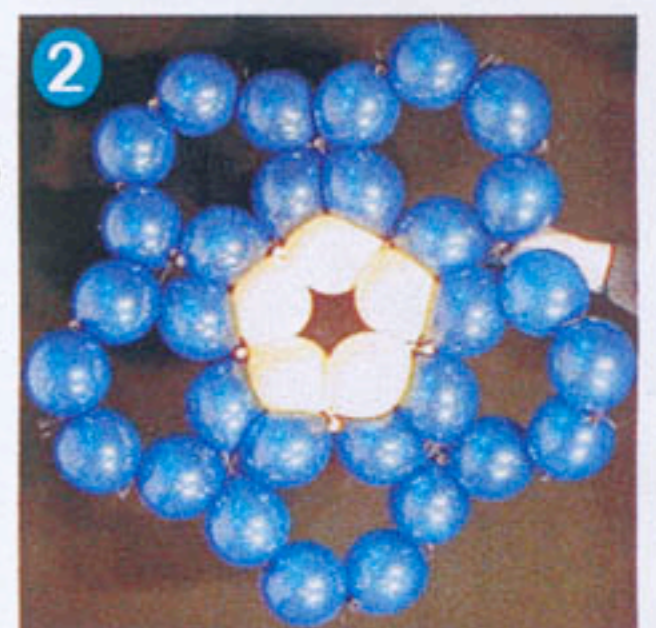
1. Air inflate 12 pentagons (rings of 5 LINK-O-LOON®s) sized to 28cm (11") using white balloons. (Shown here as yellow)
2. Air inflate 20 hexagons (rings of 6 LINK-O-LOON®s) sized as above using black balloons. (Shown here as blue. Diagram 1)
3. To make the northern polar cap (top) of the soccer ball, take one pentagon and connect 5 hexagon rings where they touch tying them together using the adjacent joins. (See diagram 2)
4. Attach 5 more pentagon rings around this structure tying each at two points. (See diagram 2)
5. Complete the northern hemisphere by adding 5 more hexagons tying each at 3 points to the hexagon. (Diagram 3)
6. Repeat steps 1 through 5 to make the southern hemisphere.
7. Interlock the two hemispheres and tie together by connecting the base of each hexagon to the top of each pentagon.
8. Complete the joining process by tying the joins in adjacent hexagons.

VARIATIONS

- The soccer ball can be made up using either 30cm (12") LINK-O-LOON®s or 12cm (5") LINK-O-LOON®s.
- Try various multi-colour patterns.
- Add silver foil stars to the centre of the pentagons to enhance appearance.

CONCLUSION

This spectacular LINK-O-LOON® self-supporting sculpture adds extra scope to your design portfolio incorporating techniques only possible using LINK-O-LOON®s.



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