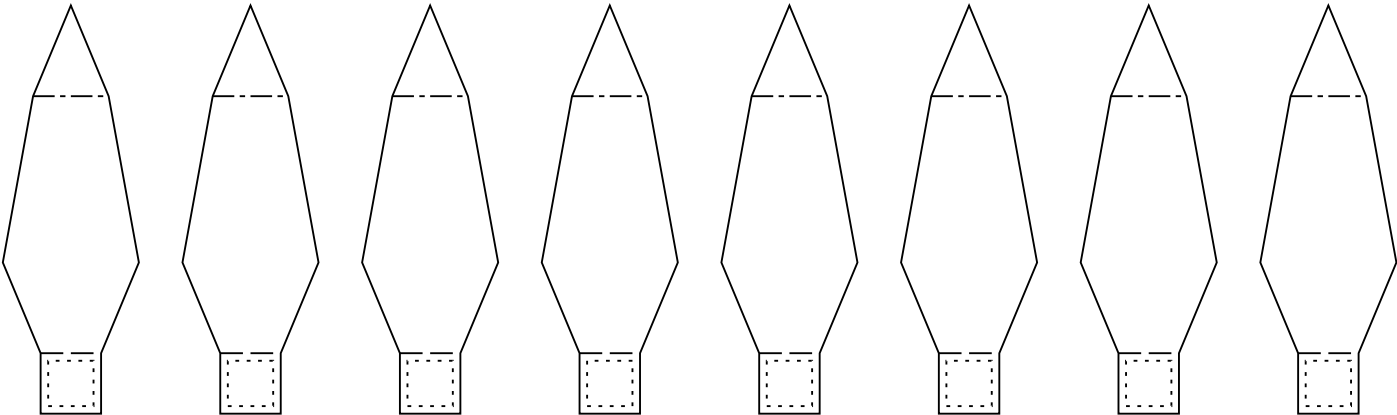


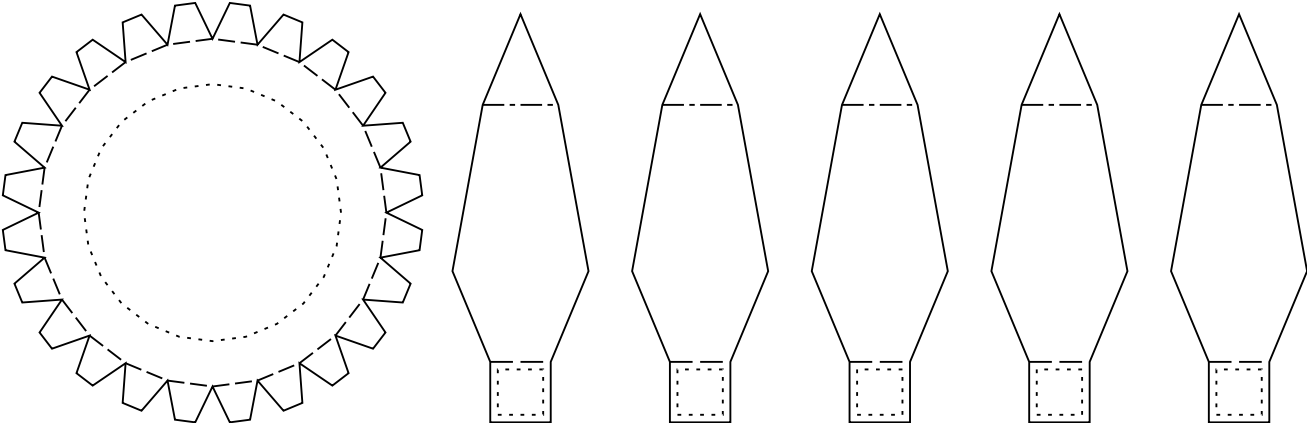
Sunflower - Folded Seed Fringe

sunflower / 1.0.0 / Letter / Template page 1

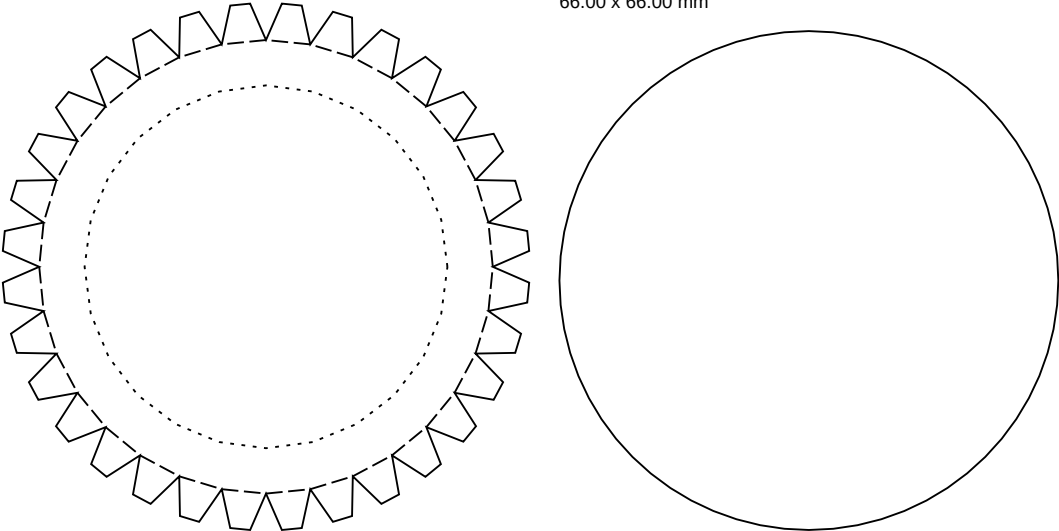
R08 | cut 1 18.00 x 54.00 mm R09 | cut 1 18.00 x 54.00 mm R10 | cut 1 18.00 x 54.00 mm R11 | cut 1 18.00 x 54.00 mm R12 | cut 1 18.00 x 54.00 mm R13 | cut 1 18.00 x 54.00 mm R14 | cut 1 18.00 x 54.00 mm R15 | cut 1 18.00 x 54.00 mm



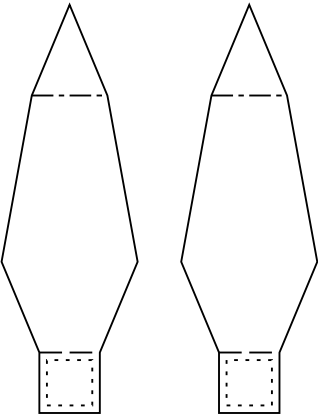
C2 | cut 1 55.48 x 55.48 mm R03 | cut 1 18.00 x 54.00 mm R04 | cut 1 18.00 x 54.00 mm R05 | cut 1 18.00 x 54.00 mm R06 | cut 1 18.00 x 54.00 mm R07 | cut 1 18.00 x 54.00 mm



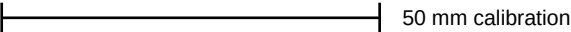
C1 | cut 1 69.63 x 69.63 mm B1 | cut 1 66.00 x 66.00 mm



R01 | cut 1 18.00 x 54.00 mm R02 | cut 1 18.00 x 54.00 mm



Solid: cut | Dashed: valley | Dash-dot: mountain | Dotted: glue

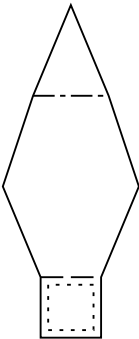


Print at 100% / Actual size. Do not fit to page. Original paper craft template.

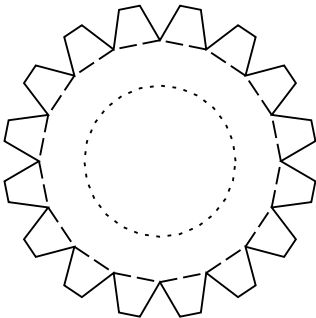
Sunflower - Folded Seed Fringe

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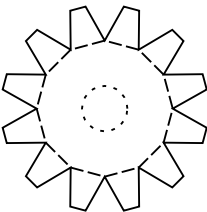
R32 | cut 1
18.00 x 44.00 mm



C3 | cut 1
41.14 x 41.14 mm



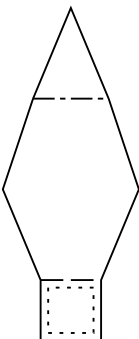
C4 | cut 1
27.00 x 27.00 mm



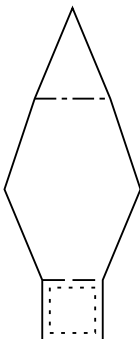
C5 | cut 1
6.00 x 6.00 mm



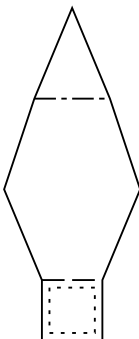
R24 | cut 1
18.00 x 44.00 mm



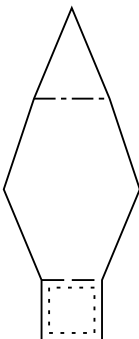
R25 | cut 1
18.00 x 44.00 mm



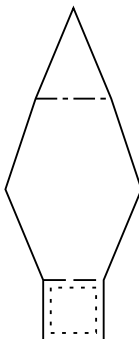
R26 | cut 1
18.00 x 44.00 mm



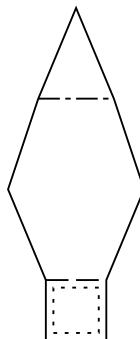
R27 | cut 1
18.00 x 44.00 mm



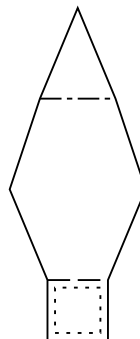
R28 | cut 1
18.00 x 44.00 mm



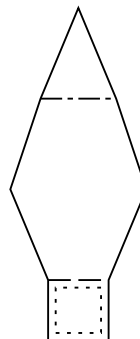
R29 | cut 1
18.00 x 44.00 mm



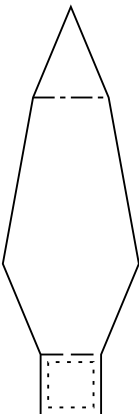
R30 | cut 1
18.00 x 44.00 mm



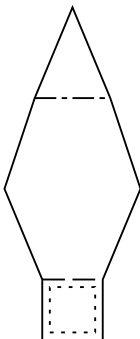
R31 | cut 1
18.00 x 44.00 mm



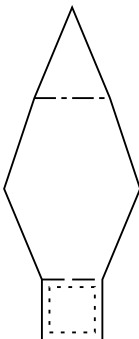
R16 | cut 1
18.00 x 54.00 mm



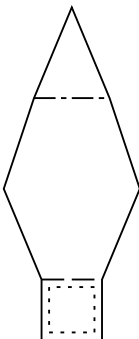
R17 | cut 1
18.00 x 44.00 mm



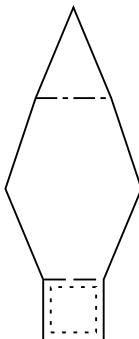
R18 | cut 1
18.00 x 44.00 mm



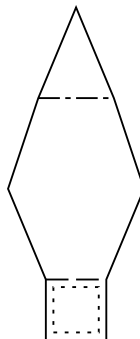
R19 | cut 1
18.00 x 44.00 mm



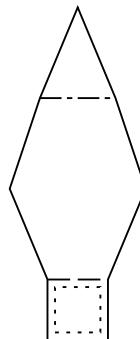
R20 | cut 1
18.00 x 44.00 mm



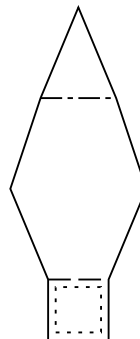
R21 | cut 1
18.00 x 44.00 mm



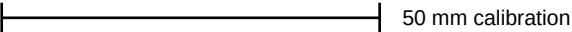
R22 | cut 1
18.00 x 44.00 mm



R23 | cut 1
18.00 x 44.00 mm



Solid: cut | Dashed: valley | Dash-dot: mountain | Dotted: glue



Print at 100% / Actual size. Do not fit to page. Original paper craft template.

Sunflower - Folded Seed Fringe

sunflower / 1.0.0 / Letter / Assembly instructions

Finished size: Approximately 154 x 154 x 10 mm; flower head only

Materials: Golden yellow paper, 120-160 gsm, for R01-R32; Brown paper, 120-160 gsm, for C1-C5; Green card, 200-220 gsm, for B1; Scissors or craft knife and cutting mat; Blunt scoring tool and ruler; PVA glue and tweezers; Protractor and pencil

Original construction; no external artwork, wire, stem or hidden spacer. Physical printing and assembly pending.

Cut ONE of every ID: 1 backing, 32 rays, 4 seed-fringe disks and 1 button = 38 paper pieces. The 84 fringe teeth stay attached to their disks.

Print actual size and check the 50 mm ruler. Templates are unfilled: print on the listed colored paper or trace onto it.

All formed faces preserve paper lengths exactly. Meshes model zero thickness; 0.2-0.4 mm layer offsets approximate paper and glue. Hand fold angles will vary.

View the colored front upward. Valley folds raise ray blades and fringe; mountain folds lower ray tips. Do not round or stretch the seed disks into domes.

Part inventory (cut each instance once):

B1: Round backing

R01: Pointed ray - fold base and tip

R02: Pointed ray - fold base and tip

R03: Pointed ray - fold base and tip

R04: Pointed ray - fold base and tip

R05: Pointed ray - fold base and tip

R06: Pointed ray - fold base and tip

R07: Pointed ray - fold base and tip

R08: Pointed ray - fold base and tip

R09: Pointed ray - fold base and tip

R10: Pointed ray - fold base and tip

R11: Pointed ray - fold base and tip

R12: Pointed ray - fold base and tip

R13: Pointed ray - fold base and tip

R14: Pointed ray - fold base and tip

R15: Pointed ray - fold base and tip

R16: Pointed ray - fold base and tip

R17: Pointed ray - fold base and tip

R18: Pointed ray - fold base and tip

R19: Pointed ray - fold base and tip

Sunflower - Folded Seed Fringe

sunflower / 1.0.0 / Letter / Assembly instructions continued

R20: Pointed ray - fold base and tip

R21: Pointed ray - fold base and tip

R22: Pointed ray - fold base and tip

R23: Pointed ray - fold base and tip

R24: Pointed ray - fold base and tip

R25: Pointed ray - fold base and tip

R26: Pointed ray - fold base and tip

R27: Pointed ray - fold base and tip

R28: Pointed ray - fold base and tip

R29: Pointed ray - fold base and tip

R30: Pointed ray - fold base and tip

R31: Pointed ray - fold base and tip

R32: Pointed ray - fold base and tip

C1: Seed fringe - lift each tooth 60 deg

C2: Seed fringe - lift each tooth 60 deg

C3: Seed fringe - lift each tooth 60 deg

C4: Seed fringe - lift each tooth 60 deg

C5: Small seed button

1. Prepare the backing [B1]: Cut B1, 66 mm across. On its front lightly pencil a circle of radius 24 mm and 16 equally spaced radial guides, 22.5 degrees apart. Mark an additional guide halfway between each pair for the second ray layer.
2. Fold and attach the long rays [R01, R02, R03, R04, R05, R06, R07, R08, R09, R10, R11, R12, R13, R14, R15, R16]: Cut and score R01-R16. Keep each 8 mm root tab flat. Lift its blade 12 degrees at the base valley; lower its tip 25 degrees relative to the blade at the mountain line. Glue only the marked underside of the tab onto B1. Put the short root edge midpoint on the 24 mm pencil circle and point the ray radially outward along a main guide. Tabs extend outward to radius 32 mm. Space all 16 evenly; let glue set.
3. Add the staggered short rays [R17, R18, R19, R20, R21, R22, R23, R24, R25, R26, R27, R28, R29, R30, R31, R32]: Cut and score R17-R32. Lift each blade 22 degrees from its flat tab and lower its tip 25 degrees relative to the blade. Glue root tabs onto the backing between the long rays using the halfway guides; short root edge midpoints again lie at radius 24 mm. These rays form the upper, shorter layer. Leave blades unglued and dry flat at the tabs.
4. Make the broad outer seed fringe [C1]: Cut the entire notched perimeter of C1 carefully, retaining every tooth. Score all 32 short valley lines. Hold the core flat and lift each 5 mm tooth 60 degrees toward the front. Apply glue under the central dotted area only and center C1 over B1; its flat core covers most ray roots. Keep all raised teeth free.
5. Build concentric seed texture [C2, C3, C4]: Cut C2-C4 and lift every tooth 60 degrees on its valley line: 24, 16 and 12 teeth respectively. Glue the marked underside core of C2 centrally onto C1, then C3 onto C2, then C4 onto C3. Keep all cores flat and concentric; the smaller disks fit inside the previous fringe. Press only the glue areas and allow each layer to set before adding the next.
6. Finish the center and dry [C5]: Glue the 6 mm button C5 flat at the center of C4. Check that all 84 teeth remain lifted, all 32 ray tips

Sunflower - Folded Seed Fringe

sunflower / 1.0.0 / Letter / Assembly instructions continued

are visible, and every root tab is bonded. Leave the backing on a flat surface until fully dry. This is a decorative flower head; no stem or hanging hardware is included.