

HANDICRAFTS 1-6

1st and 2nd grade	3rd and 4th grade	5th and 6th grade
<p>General: self-making, plan, shape, size</p>	<p>General: working in the special environment, work safety, safe methods in working, material testing, shape, size, main measures, experience-learning</p> <p>straight stitch, zig zag, length of the stitch, width of the stitch, bobbin, foot presser, hand wheel, button, pearl, pattern, seam allowance, seam, turn up, grooming, handicraft book</p>	<p>General: holistic handicraft (curriculum), process-working, self-evaluation, recycling, zipper, clothes, aesthetics, structures, self-designing and presentation, technological literacy, phenomenon-base in process</p>
<p>Verbs: cut, sew, put, draw, glue, make a knot, finish, crochet, hammer</p>	<p>Verbs: sew, felt, design, batch, bind, document, arrange, product-make, saw, bend, fold, cut, sand, file, plane, finish</p>	<p>Verbs: knit, print, bind, carve, forge, punch, solder</p>
<p>Equipment: shape, needle, scissors, hammer, nail, sandpaper</p>	<p>Equipment: sewing machine, fabric scissors, iron, felting needle, pins, safety pin, seam gauge (= mittaliisa), tape measure, ruler, square, backsaw, coping saw, japanese saw, hammer, hand drill, file, metalwork scissors, pliers, cutters, screwdriver, clamp, paintbrush</p>	<p>Equipment: knitting needle, crochet hook, mallet, chisel, reamer, compasses, round file, flat file, pincers, power cutter, wrench, punches, ball pein hammer, tin snips, soldering iron, soldering equipments, scroll saw, bench drill, 3D printer, laser cutter</p>
<p>Materials: paper, cardboard, pipe cleaner, soft wood, fabric, thread, easy recycling materials</p>	<p>Materials: fabric, thread, felting wool, cotton, wood, plywood, metal wire, aluminium plate, polystyrene, plastic board, fastening accessories (nail, screw, glue), simple electronic components (bulb, cable, battery etc.), water-based paint</p>	<p>Materials: yarn, linen, silk, synthetic fibers, wood, plywood, steel, copper, brass, metal pipe plastic pipe, fastening accessories (nail, screw, bolt, washer, nut, glue), plastic component board (PCB), simple electronic components (LED, resistor, capacitor, transistor)</p>
	<p>Technology: sewing, felting, embroidery, woodworking, metalworking, plastic working, electronics</p>	<p>Technology: knitting, printing, binding, weaving, macrame, woodworking machines, metalworking, smithworks, soldering, mechanics building</p>

