

# Pattern The T-Shirt for Childrens

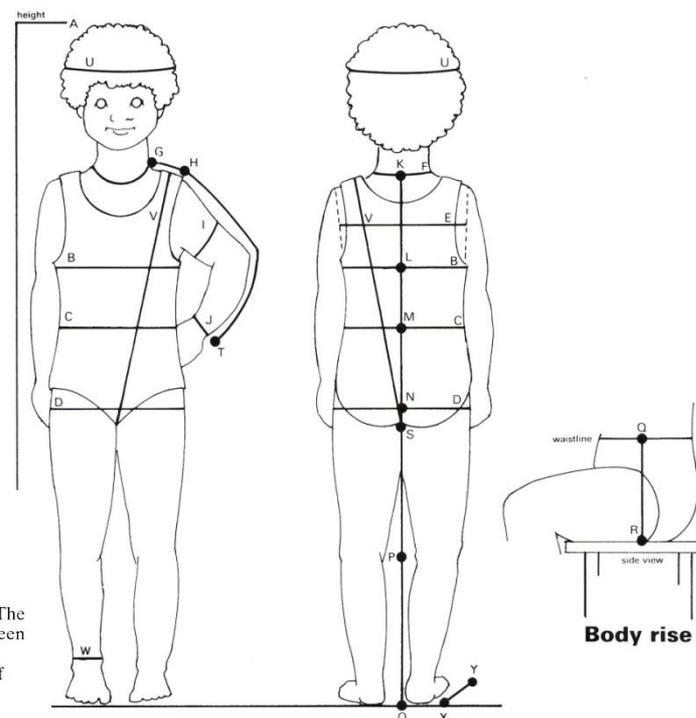
Literatura: Winifred Aldrich, *Metric Pattern Cutting for Childrens Wear and Babywear*

## Standard Body Measurements Unisex 1-14 years

### Unisex 80-164cm height

The measurement chart has been constructed for companies who specialise in leisurewear or who wish to produce a reduced size range. The chart is unisex; note that the main differences between girls' and boys' figures are their waist and hip measurements; a compromise between their measurements is given in this chart.

All the measurements have been calculated so that when they are used to construct the blocks, the blocks will fit approximately 75% of children in the height interval.



A	HEIGHT APPROXIMATE AGE	80 -1	92 1-2	104 3-4	116 5-6	128 7-8	140 9-10	152 11-12	164 13-14
B	CHEST	49	53	57	61	67	73	79	85
C	WAIST	46	50	54	58	61	64	67	70
D	HIP/SEAT	50	55	60	65	72	78	84	90
E	ACROSS BACK	20.4	22	23.6	25.2	27.6	30	32.4	34.8
F	NECK SIZE	25.5	26.5	27.5	28.5	30	32	34	36
G-H	SHOULDER	6.4	7.2	8	8.8	9.8	10.8	11.8	12.8
I	UPPER ARM	17.2	18	18.8	19.6	21	22.4	23.8	25.2
J	WRIST	12.2	12.8	13.4	14	14.6	15.2	15.8	16.4
K-L	SCYE DEPTH	11.4	12.6	13.8	15	16.4	17.8	19.2	20.6
K-M	BACK NECK-WAIST	20.6	23	25.4	27.8	30.2	33	35.8	38.6
M-N	WAIST-HIP	10.2	11.4	12.6	13.8	15	16.5	18	19.5
K-O	CERVICAL HEIGHT	64.2	75	85.8	96.6	107.4	118.2	129	139.8
M-P	WAIST-KNEE	28	32	36	40	44	48	52	56
Q-R	BODY RISE	14.2	16	17.8	19.6	21.4	23.2	25	26.8
S-O	INSIDE LEG	31	38	45	52	58	64	70	76
H-T	SLEEVE LENGTH	27	32	37	42	47	51.5	56	60.5
U	HEAD CIRCUMFERENCE	48.5	50	51.5	53	54	55	56	57
W	ANKLE GIRTH	14	15	16	17	18	19	20	21
<b>Extra measurements (garments)</b>									
	CUFF SIZE, SHIRTS	15	15.4	15.8	16.2	17	18	19	21
	TROUSER BOTTOM WIDTH	15	15.5	16.5	17.5	18.5	19.5	20.5	21.5
	JEANS BOTTOM WIDTH	13	13.5	14.5	15.5	16.5	17.5	18.5	19

# The Tee Shirt Blocks

For boys and girls, sizes 80–164cm height  
For garments in jersey fabrics

## MEASUREMENTS REQUIRED TO DRAFT THE BLOCKS

(e.g. 104cm height, approx. age 3–4 years).  
Taken from the Unisex size chart (12cm height intervals).

Refer to the size charts pages 16, 17 and 18 for standard measurements (6cm height intervals).

The main figures construct a close-fitting, ribbed tee shirt; the first brackets are for a basic tee shirt, the second brackets for an easy-fitting shape.

Jersey fabric will stretch when the arm is bent; therefore, in the block instructions the sleeve length is reduced by 5cm. However, the amount of reduction will depend on the stretch and recovery of the fabric.

Chest	57cm
Across back	23.6cm
Neck size	27.5cm
Scye depth	13.8cm
Back neck to waist	25.4cm
Sleeve length	37cm
Wrist	13.4cm

### Back and front sections

Square down and across from 0.

0 – 1 Back neck to waist; square across.

0 – 2 Finished length; square across.

0 – 3 Scye depth;

sizes 80–116cm height minus 1cm, plus (2.5cm) (5cm)

122–164cm height minus 1cm, plus (3cm) (5.5cm);

square across.

0 – 4  $\frac{1}{2}$  measurement 0–3; square across.

0 – 5  $\frac{1}{4}$  measurement 0–4; square across.

0 – 6  $\frac{1}{5}$  neck size minus 0.5cm, plus (0.2cm) (0.2cm); square up.

6 – 7 sizes 80–116cm height 1cm.

122–164cm height 1.25cm.

Draw in the back neck curve.

3 – 8  $\frac{1}{2}$  across the back;

sizes 80–116cm height minus 1cm, plus (1cm) (2.5cm)

122–164cm height minus 1cm, plus (1.5cm) (3cm);

square up to 9 and 10.

10–11 0.5cm; join 7–11.

3 – 12  $\frac{1}{4}$  chest;

sizes 80–116cm height minus 1.5cm, plus (2cm) (4cm)

122–164cm height minus 1.5cm, plus (2.5cm)

(4.5cm); square down to 13.

Draw in the armseye shape to touch points 11, 9, 12.

0 – 14  $\frac{1}{5}$  neck size minus 1cm; draw in front neck.

### Long sleeve

Square down to 0.

0 – 1  $\frac{1}{2}$  measurement 0–3 on body block plus 1cm, minus (1cm) (2cm); square across.

0 – 2 Sleeve length minus 3cm (5cm) (5cm); square across.

0 – 3 The measurement of the armhole curve from 11–12.

2 – 4  $\frac{1}{2}$  wrist minus 1.5cm; plus (1cm) (2cm); join 3–4.

Divide 0–3 into six sections; mark points 5, 6, 7, 8, 9.

Draw in the sleeve head;

hollow the curve 0.4cm at 5;

raise the curve at 8;

sizes 80–116cm height 1cm.

122–164cm height 1.25cm.

### Short sleeve

1 – 10 The measurement 0–1; square across to 11.

11–12 1cm; join 3–12.

