## Supplementary material 1

Amount of food portions to be taken from each food group for each age category

| Food group | No. of portions that should be taken by each age category |  | List of portion sizes of food belonging to each group |
| :---: | :---: | :---: | :---: |
|  | 8-11 years | 12-15 years |  |
| Starchy foods | 4-6 | 6-8 | 1 Portion size is equivalent for |
|  |  |  | 1 Cup cooked rice, pasta, noodles |
|  |  |  | 1 Slice of bread (1/9th of 450-g loaf of bread) |
|  |  |  | 1 Cup porridge, 1 cup breakfast cereal flakes |
|  |  |  | 5 String hoppers |
|  |  |  | 2 Hoppers |
|  |  |  | Roti (about 10-cm diameter and 0.5-cm thickness) |
|  |  |  | 1 Those (about 10-cm diameter) |
|  |  |  | 1 Parata (about 15-cm diameter) |
|  |  |  | $1 / 2$ Nan (about 8-cm diameter and 2-cm thickness) |
|  |  |  | Boiled corn of 3/4 cup |
|  |  |  | $1 / 2$ Cup of pasta, spaghetti, macaroni |
|  |  |  | 1/4 Cup of boiled jack, bread fruit etc. |
|  |  |  | 1 Piece of pittu ( $3 \times 2 \mathrm{~cm}$ piece) |
|  |  |  | Cream cracker or nonsugary biscuits |
|  |  |  | $1 / 2$ cup of yams |
| Pulses and legumes | 1 | 1 | $1 / 2$ Cup cooked green gram, kadala, cowpea, dhal and soya bean |
| Vegetables | 2-3 | 3-4 | 75 g or $1 / 2$ cup cooked leafy vegetables |
|  |  |  | 1 Cup salad vegetables (raw) |
| Fruits | 2 | 2-3 | 1 Medium piece/fruit of, eg apple, banana, orange, pear, papaw, mango, guawa, custard apple, pineapple (or equal to the content of 1 cup) |
|  |  |  | $1 / 2$ Cup or $11 / 2$ table spoon of plums |
|  |  |  | $1 / 2$ Glass ( 100 mL ) of fresh juice (papaw, water melon, orange, lemon) |
| Milk and milk products | 2 | 2-3 | 200-mL (one cup) fresh |
|  |  |  | 30 g (2 table spoons) of reconstituted dried milk |
|  |  |  | 1 Slice of cheese |
|  |  |  | 80-g yogurt ( $\sim 1$ cup) |

