



INVICTA
EDUCATION

MATHEMATICS
SHAPE, SPACE AND MEASURES

TAPE MEASURE

AND MILLIMETRE TAPE MEASURE

PRODUCT GUIDE

IP 094559
IP 094659

THIS PRODUCT GUIDE MAY BE PHOTOCOPIED FOR CLASS USE ONLY

PRODUCT INFORMATION

Both Tape Measures are:-

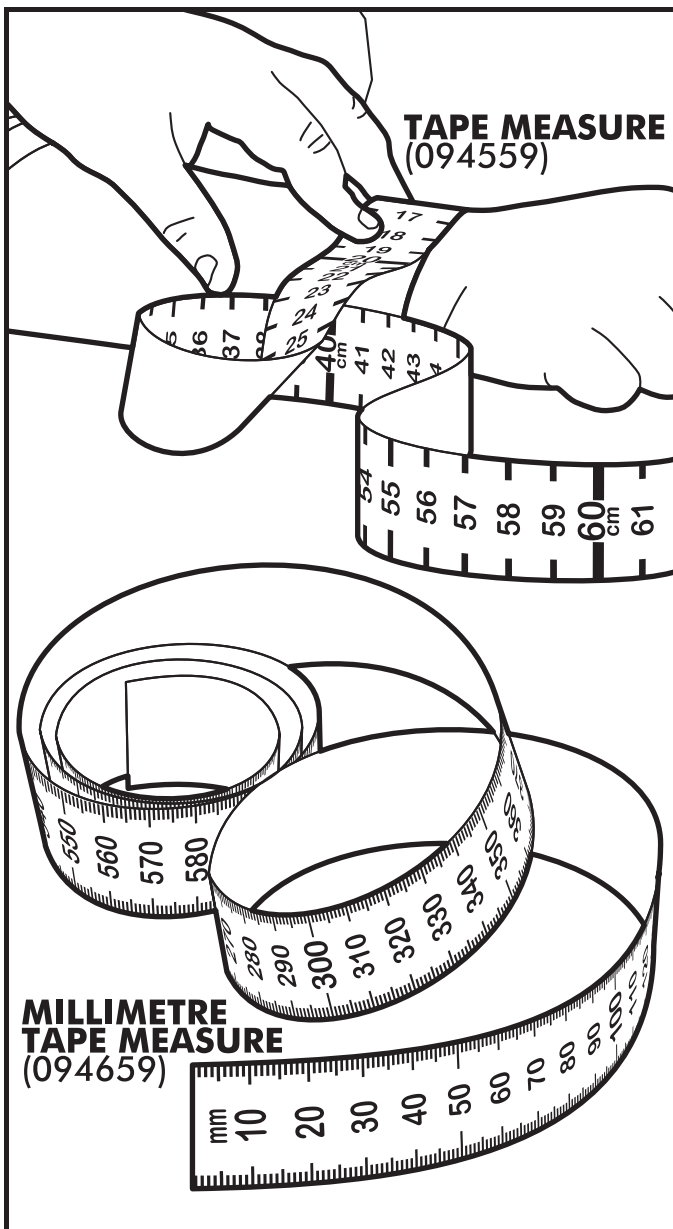
- Waterproof
- Washable
- Non Stretch

TAPE MEASURE (094559)

Tough reinforced plastic tape measure, 1 metre long and 3 centimetres wide with bold 1 centimetre markings and 10 centimetre increments. Washable, easy to store, it will measure just about anything safely. Ideal for measuring unusual shapes, it can also be used in water and other messy areas. It can be written on in dry wipe marker pen to help young children to record and remember their measurements. Made in non-stretch and washable material.

MILLIMETRE TAPE MEASURE (094659)

As above, but with bold 1 millimetre markings and 10 millimetre numbering.





● **Products to help you;**

- Height Measure - 095600
- Metric Caliper - 139759
- Foot, Hand and Object measure - 052259
- Metre Stick - 124259
- Braille Metre Stick - 124260
- Number Rule - 080559
- Comparison Rule - 080459

● **in many integrated activities;**

- Measuring and estimating
- Data collection and handling
- Understanding ourselves and our environment

● **Progression through key stages/levels for example; exploration of science;**

- (KS 1) develop an understanding of the purposes of recording results
- (KS 2) develop skills of using equipment and measurement

knowledge and understanding of science

- (KS 1) consider the similarities and differences between themselves and others
- (KS1) describes and responds to features
- (KS1) communicates findings
- (KS1) recognises/describes parts of the body
- (KS 2) investigate some aspects of support, movement etc in relation to themselves and other animals

- (KS2) collects own data, using texts to find information

- (KS2) observes/compares/records using scientific vocabulary

- (KS2) aware of growth and groups living things according to features

using and applying Maths

- (KS 1) making and testing predictions

- (KS1) uses everyday mathematical language with shapes; describing properties/positions

- (KS1) measuring/ordering objects using direct comparison

- (KS 2) recording and presenting findings

- (KS2) discusses work using mathematical language; begins to represent this information using symbols/simple diagrams

- (KS2) records gathered information in simple lists

measures tables/block graphs

- (KS 1) make estimates and measure length using simple metric and non-standard units

- (KS1) begins to use standard /non standard units to measure length/mass

- (KS 2) make estimates and measure length and capacity using metric and common imperial units

- (KS2) uses non standard/standard metric units of length/capacity/mass: standard units of measurement in range of contexts

- (KS2) explains why an answer is correct

Classroom activities might include

● **Understanding ourselves and others**

- The size of features in our body in relation to other people.

● **Comparative Work**

- Length/circumference of body features - Head, Chest, Neck, Arms, Hands, Fingers etc.

● **Use of body features as a unit of measurement**

- How many hand spans in this table?
- How many paces across is the classroom?
- How many hand spans make a pace?
- Are your hand spans the same as everyone else's?
- How many centimeters in a hand span?

● **Invent a new unit of measurement**

- Is it large or small?
- Does it stay the same or change?

- What's it called?

Use your new unit to measure the classroom/ playground/table top and then draw a map on squared paper to show the position of trees/furniture/pencils etc.

● **Looking at standard units**

- Measure in centimeters then in feet and inches/then in your new units.

● **Comparing sizes with other variables**

- Look for connections between the size of your body features and weight, height, sex, age etc.

● **Present your findings**

- Can you think up some exciting ways to show other classes what you have found out?



WARNING: NOT SUITABLE FOR CHILDREN UNDER 36 MONTHS BECAUSE SMALL PARTS MAY CAUSE

A CHOKING HAZARD. TO BE USED ONLY UNDER ADULT SUPERVISION.

Please retain the information on this pack for future reference. We reserve the right to alter designs and specifications (including colours and materials) if and when such changes are unavoidable. This product conforms to the safety requirements of EN71, ASTM, 16 CFR, CCC and The Canadian Hazardous Products (Toys) Regulations.

MADE IN CHINA

