## Process Standards Rubric <br> 

Measurement


# (c) Befope Yyou Teach Teacher Guide 

## Our resource has been created for ease of use by both TEACHERS and STUDENTS alike.

## Introduction

M
easurement is one of the major skills that students are expected to learn in middle school. The following resource provides students the opportunity to learn, review, and master essential measurement
 skills. This resource allows students to use, compare, analyze, and assess different units of measurement. Students will reinforce and develop their knowledge of measurement tools, as well as different types of measurement, including: length, w and height; weight; capacity; perimeter; area; angle measurements; time; money

Students will be asked to use standard as well a units of measure as they practice these skills.

Teachers may use this resource jy ma, they wish. Each sheet may be done rdependent or in sequence to develop essential vear emb t sills that students need to master by the time they lave completed eighth grade. The variety of activition all provide ample opportunity for all students to learn these skills.

## How Is Our Resource Organized?

## STUDENT HANDOUTS

Reproducible task sheets and drill sheets make up the majority of our resource.
The task sheets contain challenging problem-solving tasks, many centered around 'real-world' ideas or problems, which push the boundaries of critical thought and demonstrate to students why mathematics is important and applicable in the real world. It is not expected that all activities will be used, but are offered for variety and flexibility in teaching and assessment. Many of the task sheet problems offer space for reflection, and

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opportunity for the appropriate use of technology, as encouraged by the NCTM's Principles \& Standards for School Mathematics.
The drill sheets are provided to help students with their procedural proficiency skills, as emphasized by the NCTM's Curriculun Focal Points.

The NCTM (page 4) is a activities in divid
nten Standards Assessment Rubric grade an at the mpletion of the unit.
PIC URE ©UES

- resource contains three main types of pages, each with ferent purpose and use. A Picture Cue at the top of eachpage shows, at a glance, what the page is for.



## Teacher Guide

- Information and tools for the teacher


## Student Handout

- Reproducible worksheets and activities


## Easy Marking ${ }^{\text {rM }}$ Answer Key

- Answers for student activities


## EASY MARKING ${ }^{\text {TM }}$ ANSWER KEY

Marking students' worksheets is fast and easy with this Answer Key. Answers are listed in columns - just line up the column with its corresponding worksheet, as shown, and see how every question matches up with its answer!


Every question matches up with its answer!


## Task Sheet 9

## Circle Central


9) For this activity, you will need a compass and a centimeter ruler. Your job is to draw the three circles described below. Then, find the circumference, rad and area of the circle you draw.
a) Circle One: Should have a diameter

b) Circle Two:

Should have a diamete of 3 cm .

c) Circle Three: Should have a diameter of 4 cm .


## Task Sheet 12

## Dining In

12) Janelle works at the Carroll Café, a small restaurant near her school. The following is a partial copy of the lunch menu found at the restaurant. Use the menu to answer the questions below.

a) Janelle's first customer ordered a eatb ill sub, a fruit cup, and a medium soft drink. What was the custom 's it a before tax?
b) One item on the menu is app
tely $1 / 8$ the cost of another item. Name both items.
c) Janelle's secor cura ordered a sandwich, a side, and a beverage totaling \$ 15.98 Deiore ${ }^{\dagger} \mathbf{x}$. What three items did the customer order?
d) If a customer ordered a small soft drink, a salad, and a cold cut sub, and there was a 5 percent meal tax on the total, how much would the customer spend in total on the meal?

