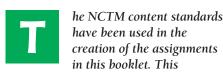


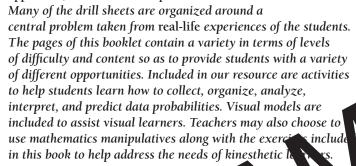
### **Teacher Guide**

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

#### Introduction



method promotes the idea that it is beneficial to learn through practical, applicable, real-world examples.



Contained in this booklet are 11 Timed Dr. 13 sets an 6 Warm-Up Drill Sheets, featuring al-life poble, wolvin opportunities, and 3 review sheets for grad 2. Also the are 3 overheads and 6 add conal mentioned which can be accessed on the publisher's website.

### How Is Our Resource Organized?

#### **STUDENT HANDOUTS**

Reproducible **drill sheets** make up the majority of our resource.

The **drill sheets** contain challenging problem-solving tasks in drill form, 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 drill sheet problems offer space for reflection, and opportunity for the appropriate use of technology, as encouraged by the NCTM's *Principles & Standards for School Mathematics*.

The **drill sheets** workbook can be used in correlation with the separate **task sheets** workbook that matches with this particular grade and subject.

The **NCTM Content Standards Assessment Rubric** (*page 4*) is a useful tool for evaluating students' work in many of the activities in our resource. The **Reviews** (*pages 24-26*) are divided by grade and can be used for a follow-up review or assessment at the completion of the unit.

#### **PICTURE CUES**

Our resource contains three main types of pages, each with a different purpose and use. A **Picture Cue** at the top of each page shows, at a glance, what the tage is for.



#### Teacher Guide

\* In rmation and pols for the teacher



#### ude Handout

Reprod drill sheets



#### Easy Marking™ Answer Key

\* Answers for student activities

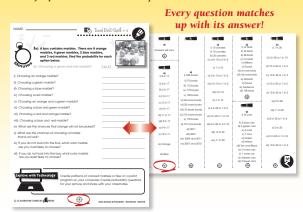


#### **Timed Drill Stopwatch**

\* Write the amount of time for students to complete the timed drill sheet in the stopwatch. Recommended times are given on the contents page.

#### EASY MARKINGTM ANSWER KEY

Marking students' worksheets is fast and easy with our **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!







## 15a) The chart below shows the amount of hamburgers sold every day during a week.

Ex: How many total burgers were sold on Monday and Tuesday?

45 burgers



Day	Mon	Tue	Wed	Thu	Fri	Sat	Sun
Sale of Burgers	20	25	27	30	45	60	75

- i) What happened to the sale of hamburgers during the week?
- ii) How many total burgers were sold on the first three days?
- iii) How many total burgers were sold on the weekend?
- iv) How many more burgers were sold Friday than Thursday?
- v) Twice as many burgers were sold on Saturday man What day?
- vi) What is the median for the number of but the error with the result of the control of the con
- vii) What is the range for the number 1, burgers told
- viii) There were three times as heav han be vers sold on what day the massday?
- ix) There were 25 n are by burgers sold on what day than Monday?
- x) The same amount or namburgers were sold on which two days as on Sunday?
- xi) What is the median for hamburgers sold between Thursday and Saturday?
- xii) Three times as many hamburgers were sold on Saturday than on what day?

i				

**Explore with Technology** 

Use Excel or AppleWorks to graph this data.



### Review C

a) A standard dart board is shown to the right.



i) What is the probability of hitting any number on the dart board? ii) What is the probability of hitting a number on the bottom half of the dart board? iii) Is it likely, unlikely, certain, impossible to hit a bull's-eye? iv) Is it likely, unlikely, certain, impossible to hit a by 1's-ey five times in a row? v) Is it likely, unlikely, certain, or impossible to it an ven number 5 times out of ten shots? vi) What is the probability of h mber, not including the bulls-eye? Explanas a ratio vii) What is the probability of histing an even number not including a bulls-eye? Explander ratio. viii) If the score of the first five shots was 86, what numbers did the shooter hit? Show one way. ix) If the score of the first three shots was 42, what numbers did the shooter hit? Show one way. x) If the score of the first four shots was 36, what numbers did the shooter hit? Show one way. xi) If the score of the first two shots was 21, what numbers did the shooter hit? Show one way. xii) If the score of the first six shots was 79, what numbers did the shooter hit? Show one way.

## Survey

The chart below shows the favorite colors of the students in Mrs. Thurston's class.

#### **Favorite Colors of Mrs. Thurston's Class**



- i) How many students were surveyed for this graph?
- ii) What color was the most popular favore color?
- iii) What color was the least popular Nivority color?
- iv) How many more students cho & blu of than black?
- v) How many more student chase greet than orange?
- vi) How many total st a nts chos green and black?
- vii) What fraction of state on schose black?
- viii) What from students chose red?
- ix) What is the ratio of students who chose orange to students who chose green?
- x) What is the ratio of students who chose blue to students who chose red?
- xi) A total of eight students chose which two colors as their favorites?
- xii) Two fewer students chose what color than black?



Conduct the same survey in your class. Complete the questions above using your own survey results.