Dear Parent,

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 Datamath Calculator Museum

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Speak & Spell™ Parent's Guide

The Speak & Spell ™ educational product enables your child to hear words pronounced as he or she learns to recognize and spell them. The Speak & Spell unit has a built-in word list that consists of over 150 words.

The Speak & Spell IM Unit

More than 150 of the most critical stumbling blocks to spelling development—words that may already be troublesome—are built into the Speak & Spell unit. Important additional phrases are included for praise and reinforcement, motivating your child to learn spelling, word after word.

But that's just the beginning! The Speak & Spell educational product allows your child to progress at his or her own pace. Additional vocabulary words are available in cartridges that plug into the Speak & Spell unit. Designed to sustain the challenge of the Speak & Spell unit and maintain your child's interest, these cartridges contain words that focus on specific spelling areas. Grade-level ranges are suggested for each cartridge to serve as a guide for your purchase, but the family of cartridges can be used in any sequence to provide a valuable review or an extra challenge for your child.

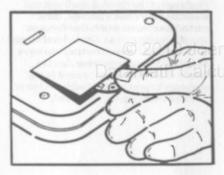
Battery Installation

With proper care and maintenance of the unit, the Speak & Spell educational product can provide years of educational enjoyment for your child. Installing batteries is simple and easy. You can also purchase an AC Adapter to conserve batteries or an earphone to use for private listening (see "Optional Accessories").

Installing Batteries

The Speak & Spell unit requires four "C" cell alkaline batteries. To install batteries, follow these steps.

 Remove the battery compartment door by prying gently with a key, coin, or similar object.



- Insert the batteries as shown in the illustration located inside the battery compartment.
- 3. Replace the battery compartment door.

Low Battery Information

The batteries in the Speak & Spell unit provide approximately 15 hours of actual use. Replace the batteries if you observe any of the following difficulties while using your Speak & Spell unit.

- ▲ Erratic or dim display
- ▲ Erratic performance
- ▲ Imprecise word pronunciation or unusual and unexpected sounds or tones
- ▲ No effect when keys are pressed
- ▲ Unusual or inconsistent operation

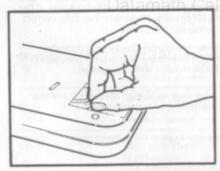
Cartridge Installation

W ord cartridges expand the built-in vocabulary of the Speak & Spell educational product. You can install a word cartridge easily by following the directions below.

Installing Cartridges

To install a word cartridge, follow these steps.

- Remove the battery compartment door by prying gently with a key, coin, or similar object.
- Remove the batteries from the Speak & Spell unit.
- Insert the cartridge with the label facing up, as shown in the illustration.



Important: Firm pressure may be required to insert the cartridge the first time. Press the cartridge in as far as it will go to ensure that the battery compartment door will close correctly.

Replace the batteries and the battery compartment door.

Removing Cartridges

If you wish to remove a word cartridge, follow the first two steps listed above. Then:

 Remove the cartridge by prying gently with a key, coin, or similar object.



Replace the batteries and the battery compartment door.

Note: If you experience difficulty with a word cartridge after installation, remove and reinsert the word cartridge one or two times to ensure that it connects properly with the Speak & Spell unit.

Basic Operations

The Speak & Spell educational product includes several basic operations that provide your child with enjoyable, educational activities. These activities can be used with the built-in vocabulary of the Speak & Spell unit or with the words contained in a cartridge. To access a cartridge word list, turn the Speak & Spell unit on, and press the CARTRIDGE SELECT key once when the cartridge is in the unit. Then select the activity your child wants to play.

Spell ON	The week key activates the unit. Four tones let your child know the device is ON and working—the display shows SPELL A. Four levels of difficulty are available and selected by pressing (A), (C), or (D) when the display shows SPELL A. SPELL A means that the Speak & Spell educational product is ready and will select words from the Level A list. Difficulty increases from Level A through Level D.				
Go GO	Press to begin. Your child is directed to "Spell" Then he or she presses the letter keys to spell the word.				
Enter	When your child has finished spelling the word, he or she presses the ENTER key to have the spelling checked.				
	If the spelling is correct, your child is praised and asked to spell a new word. If the spelling is incorrect, he or she is asked to try again. If the second attempt is incorrect, the word is pronounced and the correct spelling shown.				
	After each group of ten words, the display shows your child the score. The voice tells your child how many words he or she spelled correctly on the first try and how many were misspelled.				
Replay	The REPLAY key provides your child with the same list of ten words again. (Pressing of starts a list of ten new words.)				
Repeat	If your child wants to hear a word again, he or she presses (") REPEAT.				
Apostrophe /	The key is used to place an apostrophe in the display.				
Erase	If your child makes a mistake or wants to try again before pressing ENTER, he or she should press ERASE.				
Letter	Your child presses the DETTER key. A letter appears and is pronounced. Letters are randomly selected each time DETTER is pressed.				

Say It

Pressing the SAY IT key starts the activity. The display shows SAY IT A. Your child can select another level of difficulty by pressing , , , , o, o . This activity is designed to provide practice in reading, pronouncing, and spelling words.

Your child presses (ac) to begin. A word appears in the display, and the voice instructs him or her to "say it." After a short pause so that your child can say the word, the word is pronounced. A new word then appears. After ten words have been pronounced, the unit directs him or her to spell the same ten words, just as in the Spell activity.

Secret Code



This activity lets your child write "secret code" messages to share with friends. To code a word, press (1), type in the word, and then press (1) ENTER to display the coded word. (Your child should write down each coded word and then erase the display.) To decode a word, press (1), type in the coded word, and then press (1) ENTER to display the decoded word.

Mystery Word



Your child presses the ? MYSTERY WORD key and a word from Level C or D is selected. Dashes appear for each letter in the word. Your child guesses a letter by pressing a letter key. If the letter he or she enters is one of the letters in the mystery word, tones sound, and the letter appears in its correct position. If the letter is not one of the letters in the mystery word, it counts as an incorrect guess. After seven incorrect letter guesses, the correct word is displayed.

Clue

Used with the Mystery Word game, the — CLUE key can be pressed to get one letter of the mystery word and its position. Using the — CLUE key counts as two incorrect guesses in your child's score.

Cartridge Select/ Module Select



This key accesses the new word list when a cartridge is in place. Turn the unit on, and press [#] CARTRIDGE SELECT one time to access the cartridge word list. (To return to the Speak & Spell word list, press [#] CARTRIDGE SELECT again.)

Note: Some units are labeled (#) MODULE SELECT, which has the same function as (#) CARTRIDGE SELECT.

Off

Spell educational product is designed to automatically turn itself off after approximately five minutes of non-use. However, considerable battery life can be saved if the unit is turned off promptly after use.

Speak & Spell™ Built-in Word List

The vocabulary of the Speak & Spell educational product is divided into four levels of difficulty. Level A is the easiest; Level D, the hardest. When the Spell It or Say It activities are played, the Speak & Spell educational product chooses ten words randomly from the level selected.

Level A
above
angel
answer
calf
does
earth
echo
extra
five
for
four
guess
half
health
iron
learn
nine
ocean
once
one
oven
pint
pull
range
says
six
ski
sure
swap talk
talk
ten
three
to
touch two
view
warm was
was
wasn
WOLU

Level B another beauty beige blood bullet carry chalk child danger early eight flood floor front guide haste heaven linger mirror other priest ready rural school seven squad squat sugar today union watch water

Level C	
already believe built bushel comfort coming couple cousin enough finger guard healthy heavy instead	
laugh measure mother niece outdoor period plague	
police promise quiet ranger relief remove search shield should shovel	
someone source statue terror trouble welcome wolves woman wonder worth	

Level D abscess ancient anything brother bureau butcher caravan circuit corsage couldn't courage discover dungeon earnest Seum feather freight greater iealous journey language laughter leisure lettuce machine minute pierce pleasure plunger poultry quotient reindeer rhythm schedule scissors shoulder serious stomach stranger surgeon tomorrow treasure workman yacht

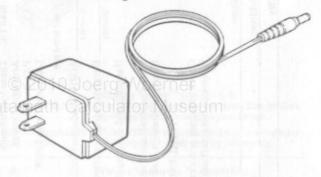
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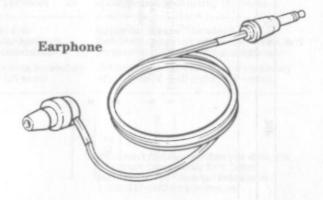
Optional Accessories

Y our Speak & Spell unit includes ports for an earphone and an AC9199A Adapter. If you are unable to locate these accessories at your local retailer, contact Consumer Relations at 1-806-747-1882. You can also order these accessories with the order form located on the next page.

Caution: Use only the AC9199A adapter with the product. Any other adapter may damage the product.

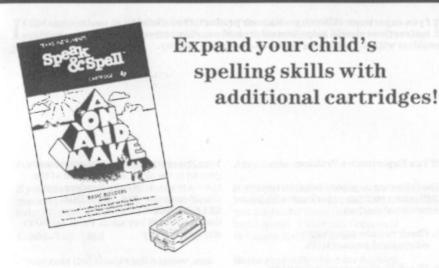
AC9199A Adapter





- 1

City	Address	Name			Please send me: AC91 Quantity Earp Quantity Hand			Mail To:	
State			Check ormoney order enclosed (Please do not send cash)	State and local taxes (all states except Alaska, Delaware, Montana, New Hampshire, and Oregon) \$ TOTAL ENCLOSED (U.S. dollars only) \$	Handling and shipping charges	ACHIBA adapters (can for price)	me: O	Texas Instruments Accessory Orders P.O. Box 53 Lubbock, Texas 79408	Accessory Order Form
ZIP				o o	\$ 2.00	00	P		



Basic Builders M Grades 2-4 Let Basic Builders help you master those hard-to-spell basic words.

This cartridge expands the built-in vocabulary of the Speak & Spell unit by 132 words.

Vowel Power™ Grades 2-4 With Vowel Power, different vowel combinations can be a snap to spell.

This cartridge expands the built-in vocabulary of the Speak & Spell unit by 140 words.

Super Stumpers[™] Grades 4–6 Leap the hurdles of irregular spellings, silent letters, and double consonants!

This cartridge expands the built-in vocabulary of the Speak & Spell unit by 125 words.

Mighty Verbs TM Grades 4-6 Tackle tough verb forms that change their spelling from present to past tense.

This cartridge expands the built-in vocabulary of the Speak & Spell unit by 120 words.

Vowel VenturesTM Grades 6-8 Conquer tricky vowel combinations and the spelling of long vowel sounds.

This cartridge expands the built-in vocabulary of the Speak & Spell unit by 145 words.

Super Stumpers TM Grades 6-8
Zero in on commonly misspelled words, and
prepare for difficult writing assignments.

This cartridge expands the built-in vocabulary of the Speak & Spell unit by 125 words.

If you can't find the cartridges you want, you may obtain them directly from Texas Instruments. Call Consumer Relations at 1-806-747-1882 for information.

In Case of Difficulty

If you experience difficulty with your product, the following instructions should help you analyze and possibly correct the problem without returning the unit to a service facility.

If You Experience a Problem

The following steps may help you correct difficulties you may experience with your educational product.

- Check to make sure that the educational product is ON.
- 2. Check for low battery indications:
 - ▲ Erratic or dim display
 - Indistinct word pronunciation or unusual and unexpected sounds or tones
- ▲ Unusual or inconsistent operation
 - No response when the keys are pressed
- If a word cartridge is being used, remove and reinsert the cartridge to be sure it is connected properly.
- If the display is blank and pressing the keys has no effect, remove all batteries and reinstall them. If proper operation is not restored, replace the batteries.
- If the batteries are new and properly installed, review the operating instructions to be certain that the operating steps are followed correctly.

Your Speak & Spell unit may occasionally turn on in the Say It mode instead of the Spell A mode. When this happens, you should press the # CARTRIDGE SELECT/MODULE SELECT key and then the ON Ney again. Press OO GO to start the activity.

Service Information

If the suggestions in "In Case of Difficulty" do not correct the problem, please call or write Consumer Relations to discuss the problem.

For Service and General Information

If you have questions about service or general product operation, call Consumer Relations at:

1-806-747-1882

Please note that this is a toll number, and collect calls are not accepted.

You may also write to the following address:

Texas Instruments Incorporated Consumer Relations P.O. Box 53 Lubbock, Texas 79408

Please contact Consumer Relations:

- ▲ Before returning the product for service.
- ▲ For general information about using the product.

Express Service

Texas Instruments offers an express service option for fast return delivery. Please call Consumer Relations for information.

Accessories

If you are unable to find accessories at your local dealer (such as the AC9199A adapter), you may order them from Texas Instruments. Please call Consumer Relations for information.

Returning A Product for Service

A defective educational product will be either repaired or replaced with the same or comparable reconditioned model (at TI's option) when it is returned postage prepaid to a Texas Instruments Service Facility.

Texas Instruments cannot assume responsibility for loss or damage during incoming shipment. For your protection, carefully package the unit for shipment and insure it with the carrier. Enclose your full return address, any accessories related to the problem, and a note describing the problem you experienced. Also, please enclose a copy of your sales receipt or other proof of purchase to determine warranty status.

Please ship the package postage prepaid; C.O.D. shipments cannot be accepted. © 2010 Joerg Woerner

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