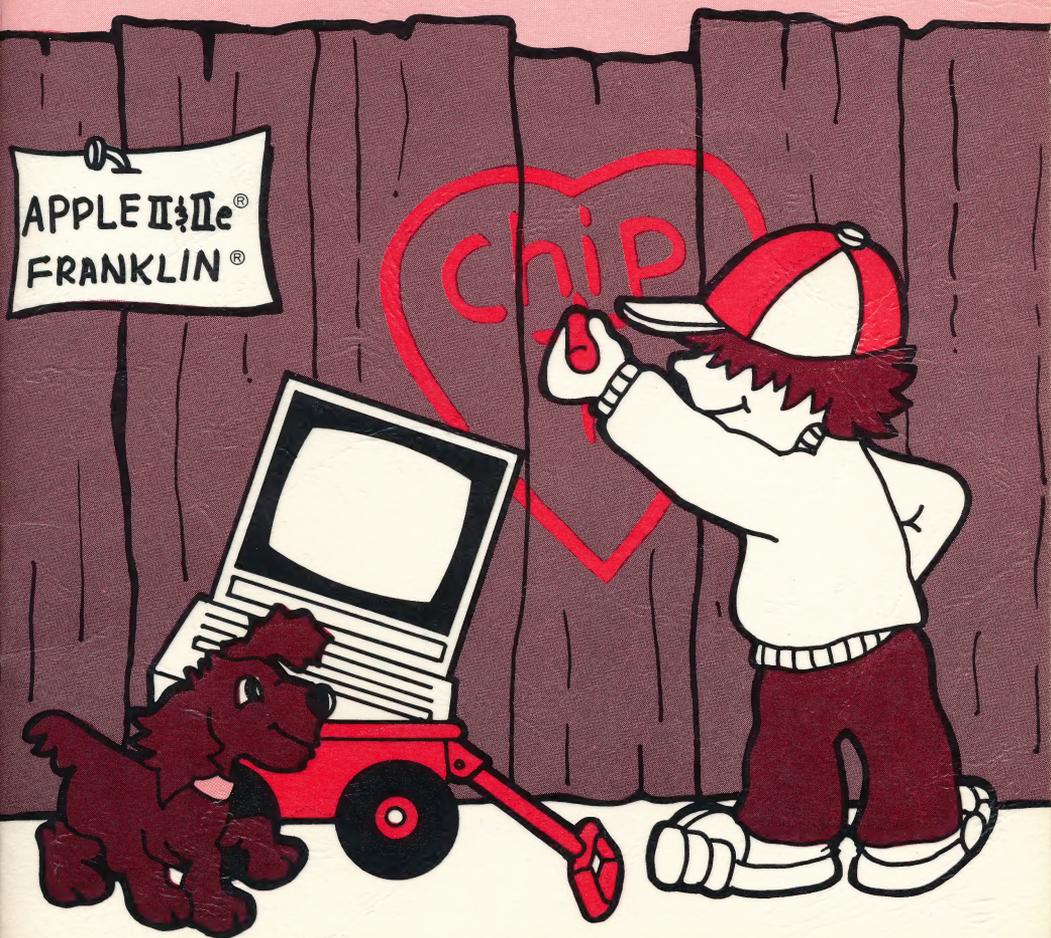# Hartley

Word-A-Tach

APPLE II & IIe ®
FRANKLIN ®

Hartley

Word-A-Tach

APPLE II&IIe®
FRANKLIN®

Chip

Word-A-Tach

SPECIAL FEATURES

-Words presented tachistoscopically.

-Four different time durations may
 be selected by the teacher.

-MODIFY existing word lists.

-CREATE new word lists.

This Hartley courseware requires a 48K
*Apple II, II+, IIe or IIc, or
Franklin ACE 1000, and one disk drive.

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Dimondale, MI 48821

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111185

WORD-A-TACH

The purpose of this disk is to provide another mode for children to drill on word recognition.

The program has been written to allow the teacher to put in any word list (s)he wishes and set the speed options at which the words are presented to the student. The student may select one of the teacher-determined options which control the duration of time the word is on the screen.

Children just learning words select longer durations and gradually work up to the fastest speed - .01 second!

Many teachers who use the program have the student say the words into a tape recorder. Others simply have children work in pairs and use it as a challenge program to see who can call the word more quickly.

In either case, this program turns your computer into a flash card drill with carefully controlled duration times.

Test site schools available upon request.

TEACHER'S GUIDE
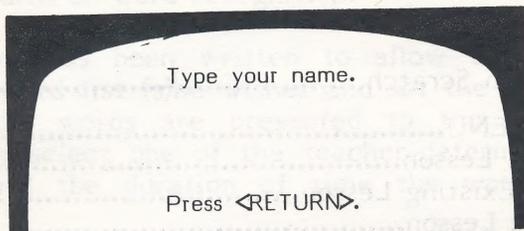
CREDITS

This disk uses a high-speed operating system, **Diversi-DOS**[T.M.], which is licensed for use with this program only. To legally use Diversi-DOS, send $30.00 directly to DSR, Inc., 5848 Crampton Ct., Rockford, IL 61111. You will receive a Diversi-DOS disk with documentation.

Large characters developed by
and used with permission of:
MECC
2520 Broadway Dr.
Lauderdale, MN 55113
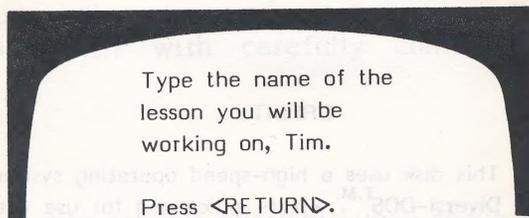
QUICK NOTES FOR **OLD PRO'S**

To get the teacher's MENU, type **MENU** when

```
┌─────────────────────────┐
│                         │
│    Type your name.      │
│                         │
│                         │
│    Press <RETURN>.      │
│                         │
└─────────────────────────┘
```

appears on the screen.

To stop the program, press **ESC** when a student response is called for.

To see the CATALOG: type ? when

```
┌─────────────────────────┐
│                         │
│   Type the name of the  │
│   lesson you will be    │
│   working on, Tim.      │
│                         │
│   Press <RETURN>.       │
│                         │
└─────────────────────────┘
```

appears on the screen.

Lessons on This Disk

Lessons already on this disk are as follows.

|						
VOC1	VOC10	VOC19	VOC28	VOC37	VOC46	VOC55
VOC2	VOC11	VOC20	VOC29	VOC38	VOC47	VOC56
VOC3	VOC12	VOC21	VOC30	VOC39	VOC48	VOC57
VOC4	VOC13	VOC22	VOC31	VOC40	VOC49	VOC58
VOC5	VOC14	VOC23	VOC32	VOC41	VOC50	VOC59
VOC6	VOC15	VOC24	VOC33	VOC42	VOC51	VOC60
VOC7	VOC16	VOC25	VOC34	VOC43	VOC52	VOC61
VOC8	VOC17	VOC26	VOC35	VOC44	VOC53	VOC62
VOC9	VOC18	VOC27	VOC36	VOC45	VOC54	VOC63

STARTING FROM SCRATCH

This disk will boot on a 3.3 Disk Operating System.

When running this program on the Apple IIe, the CAPS LOCK Key must down at all times. On the Franklin ACE 1000, the LOCK key must be depressed.

Put the disk in Drive #1; close the small door. Turn on your computer. If you have an Apple II+, IIe, or IIc the disk will boot automatically when you turn on the computer.

If you have an Apple II - type **PR#6** and press **RETURN**. The program will load into your computer and run automatically - <u>don't type catalog!</u>

The credits will vanish and this screen will appear:

```
Type your name.



Press <RETURN>.
```
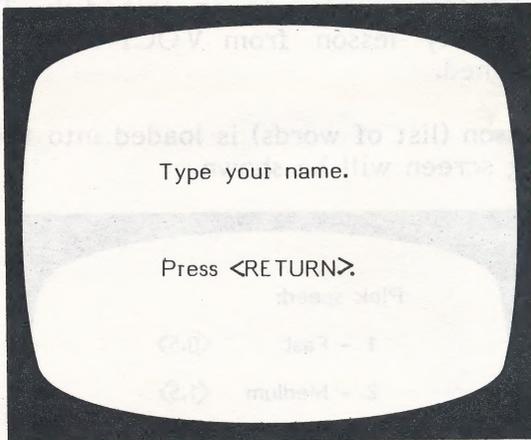
The student must type in his/her name and press **RETURN**.

```
Type the name of the
lesson you will be
working on, Tim.



     Press <RETURN>.
```
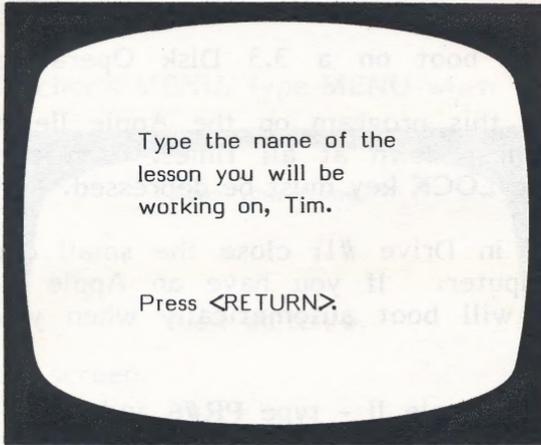
There are 63 lessons already on this disk. The student may type in any lesson from V OC1 to V OC63 which has been assigned.

After the lesson (list of words) is loaded into the computer, the following screen will be shown.

```
    Pick speed:

      1 - Fast        <0.5>

      2 - Medium      <1.5>

      3 - Slow        <3.0>

      4 - Pause each time

      5 - Set your own speed

   Which? ==>  _
```
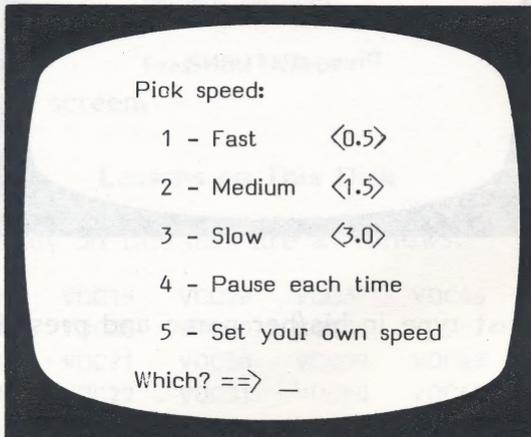
The speed is indicated in seconds. If the student chooses #5 - SET YOUR OWN SPEED, the fastest speed the computer will accept is .01.

As soon as the student selects the speed and presses **RETURN,** the words will appear on the screen.

Upon completion, the student's name, list chosen, number of words that were shown, and the speed that the student selected are all stored in STUDENT PLANNING.

The computer is then ready for another student and the

Type your name.

Press <RETURN>.
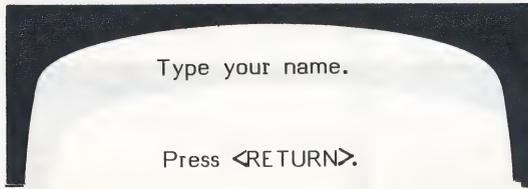
frame is shown.

THE TEACHER'S MENU

The lessons on this disk V OC1 through V OC63 are for the student.

There are also programs for the teacher. These programs allow the teacher to "do things" to the student lessons on the disk.

The teacher's programs may be accessed by typing MENU, when the following screen is shown.

```
            Type your name.


           Press <RETURN>.
```
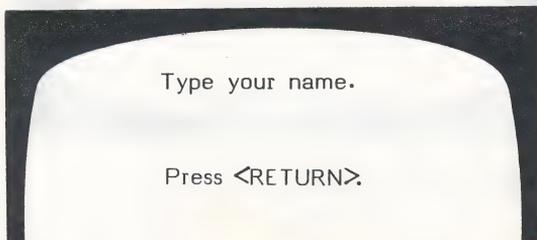
The following MENU will be shown:

```
    DO YOU WANT TO:
      1 - CREATE NEW LESSON
      2 - CHANGE EXISTING LESSON
      3 - DELETE A LESSON
      4 - RUN LESSON
      5 - CATALOG DISK
      6 - STUDENT PLANNING

    WHICH?
```
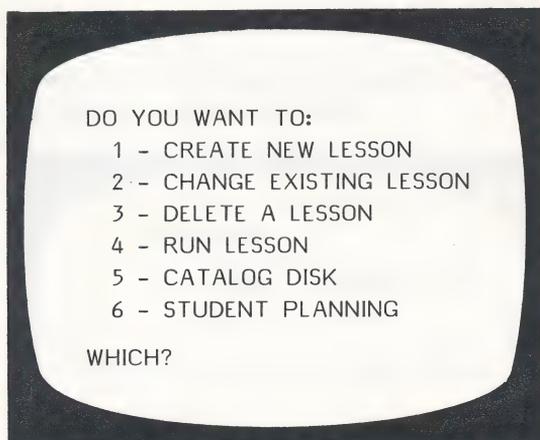
The following pages will describe exactly how to use each of these programs on the Teacher's MENU.

6

1 - CREATE NEW LESSON

If you choose this option from the main menu, the following screen will appear:

```
#1


-



         To quit, type 'end'
         or '#'.
```
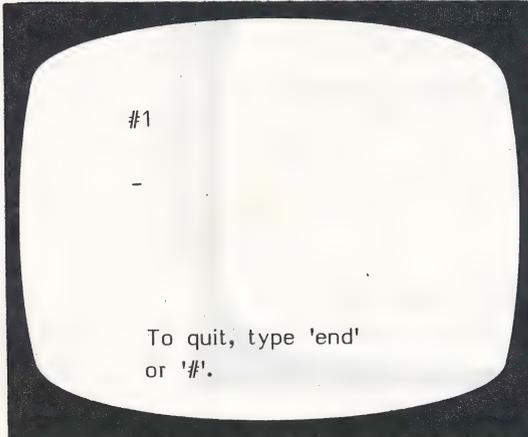
Enter the words in your lesson. Press **RETURN** after the last word. To capitalize a letter, type '^'. The next letter you type will be a capital.

After you have entered all the words you wish to enter, type **end** or **#;** the Design Options will then be presented for that lesson.

```
         DESIGN OPTIONS

     DO YOU WANT THESE WORDS
     PRESENTED IN RANDOM ORDER
     OR IN THE SAME ORDER IN
     WHICH YOU ENTERED THEM?

     ENTER 'R' OR 'S' ==>  R
```
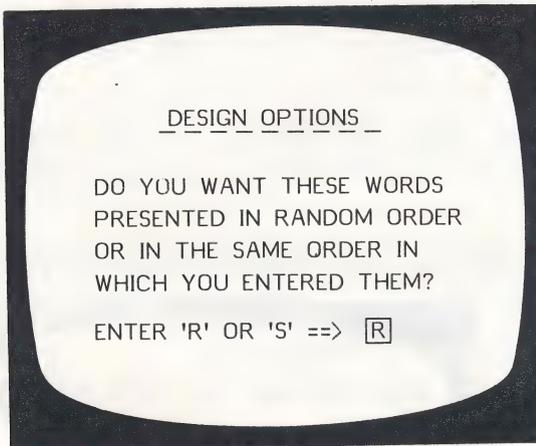
Enter **R** or **S** and press **RETURN.**

The words in the lesson are presented in random order. You might want words presented in the same order if you were working with word families. This can be changed.
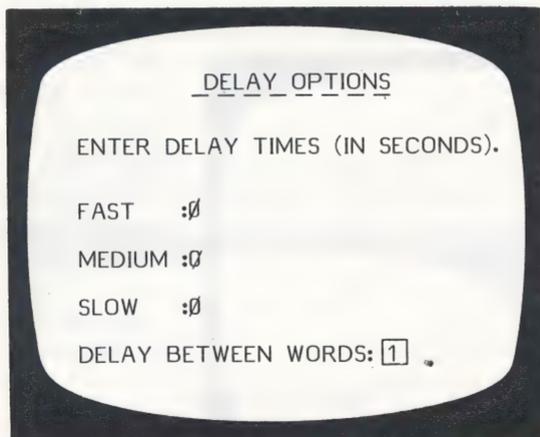
```
        DELAY OPTIONS


  ENTER DELAY TIMES (IN SECONDS).

  FAST   :0

  MEDIUM :0

  SLOW   :0

  DELAY BETWEEN WORDS: 1
```
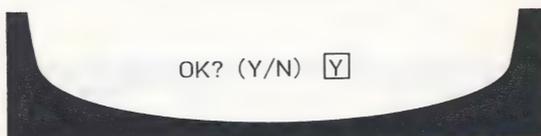
```
        OK? (Y/N)  Y
```

This allows you to establish the options you want the students to use. The Delay Time for fast, medium and slow refers to the time the word stays on the screen. The least time is .01 seconds. If you leave 0, the computer substitutes .01.

The delay between words is presently set at 1 second. You may change this as desired - 1 or 2 seconds is generally used.

After entering the delays, press **RETURN** and the following screen is displayed:
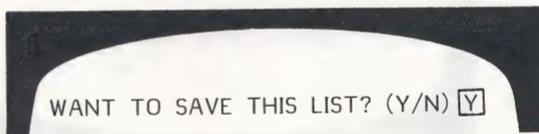
```
  WANT TO SAVE THIS LIST? (Y/N) Y
```

If you answer **Y:**   LESSON NAME:

Keep the name short and easy for the student to type. Be sure to record it in the documentation for future reference.

2 - CHANGE EXISTING LESSON

After selecting this file, the following frame will appear:
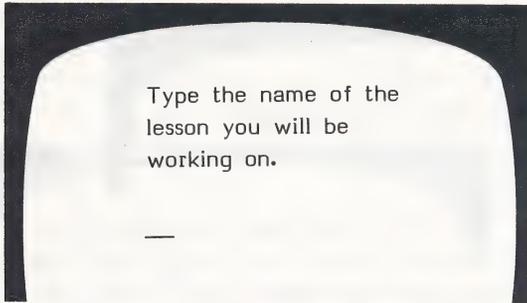
```
Type the name of the
lesson you will be
working on.

___
```

After typing the lesson name, you will be given the option of adding more frames.
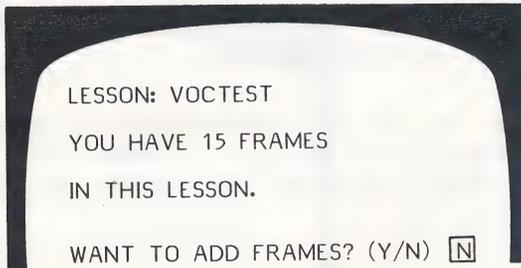
```
LESSON: VOCTEST

YOU HAVE 15 FRAMES

IN THIS LESSON.

WANT TO ADD FRAMES? (Y/N)  [N]
```

If **N**, the old lesson frames will be shown, one at a time. Re-type the word you want. Remember - to capitalize a word type '∧' just prior to the letter you want capitalized.

If you reply **Y**, you wish to add frames, a blank frame (as in 1 - Create New Lesson) will be presented.

After the lesson is changed, you will be given the opportunity to change the Design Options and Delay times for that lesson.

3 - DELETE A LESSON

Only use this file if you want to delete a lesson perman-
ently!

```
DELETE WHICH LESSON?

==> ☐
```
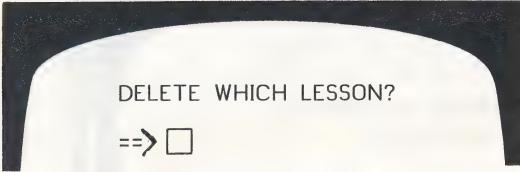
Type the name of the lesson you wish to delete and
press **RETURN.** It will be deleted FOREVER unless
you have kept a copy and re-enter it using 1 - Create
New Lesson from the main menu.

4 - RUN LESSONS

This will return you to the student portion of the program.

5 - CATALOG DISK

This just shows a list of the lessons on the disk. It
can also be accessed by typing a ? when the "Type
the name of the lesson you will be working on" frame
appears.

6 - STUDENT PLANNING

As a student works through a lesson, his/her name, the lesson worked on, the time selected and the number of words presented are stored on the teacher's file under STUDENT PLANNING. After bringing up the Teacher's MENU and selecting Option 3 - **STUDENT PLANNING** the following screen is shown.

WANT TO CLEAR THE FILE?(Y/N)
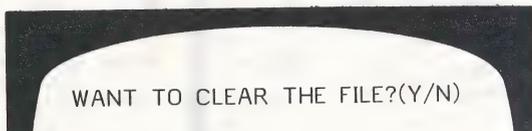
Type **N** if you want to look at the student records. Type **Y** if you want to erase <u>all</u> the student records that are in the file.

If **N**

29 STUDENTS IN FILE.

ROOM FOR 71 MORE.

ARE YOU USING A PRINTER?(Y/N)
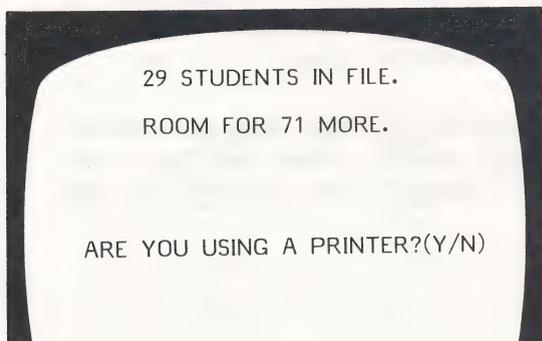
A total of 100 students can be stored in this file.

If **Y**, you will be asked for the slot # your printer is ·in. It will usually be in **1** or **2**. If you are not sure, take the cover off and check. (Be sure your printer is on before typing in the slot #!) If you do not have a printer, the student records will be shown on the screen.

The printout will look like this:
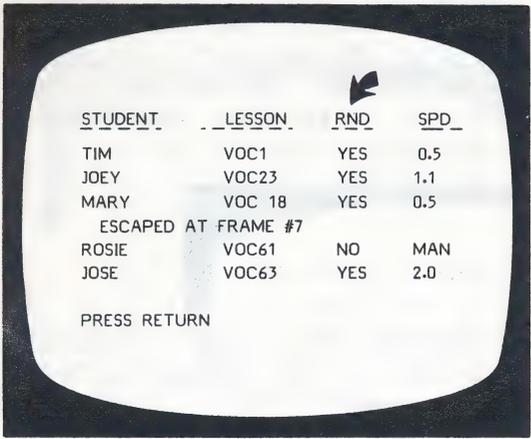
```
STUDENT      _LESSON_    RND      SPD_
TIM          VOC1        YES      0.5
JOEY         VOC23       YES      1.1
MARY         VOC 18      YES      0.5
  ESCAPED AT FRAME #7
ROSIE        VOC61       NO       MAN
JOSE         VOC63       YES      2.0

PRESS RETURN
```

Words in the lesson were presented randomly.

If a student presses **ESC** prior to the completion of the lesson, the number of words attempted will be recorded in the STUDENT PLANNING file.

The objective of this program is to help a student more quickly recognize sight words. The specific words already included in the 63 lessons are included on the following pages.

WORD LISTS

	VOC1	VOC2	VOC3	VOC4
1.	Sandy	sat	house	dark
2.	and	jumped	afternoon	sky
3.	the	to	funny	Stan
4.	was	kids	he	star
5.	sun	on	magic	light
6.	up	then	came	mother
7.	good	still	need	moonlight
8.	morning	did	mouse	moon
9.	in	not	jig	when
10.	ran	shadows	that	made
11.	after	had	with	sleep
12.	rabbit	hat	fox	bright
13.	met	said	get	from
14.	away	fast	bad	far
15.	bug	got	surprise	yard
16.	little	box	chair	wish
17.	a	look	ride	play
18.	grass	at	car	no
19.	big	splash	his	as
20.	bee	very	help	plane
21.	went	wet	into	cloud
22.	hid	see	swam	go
23.	hill	I	sad	rocket
24.	lost	happy	will	are
25.	grasshopper	over	can't	what
26.	hop	can	tell	lightning
27.	down	but	party	make
28.	duck	it	they	jar
29.	pond	so	cake	let
30.	turtle	is	sing	she
31.	pig	lunch	song	
32.		hungry	witch	
33.		for	bat	
34.		yes		

	VOC5	VOC6	VOC7	VOC8
1.	you	winter	street	school
2.	me	cold	run	lives
3.	fun	snow	truck	penny
4.	toy	bring	dug	Ted
5.	last	turnip	fog	walk
6.	man	boy	friend	children
7.	back	pull	girl	all
8.	things	dog	must	teacher
9.	like	cat	just	Wendy
10.	Dan	poor	moving	room
11.	am	drink	soon	pets
12.	asked	rich	we	shell
13.	my	milk	small	egg
14.	ant	this	bus	hatch
15.	black	world	airport	legs
16.	flash	him	some	its
17.	flowers	think	come	land
18.	Dad	picked	them	water
19.	her	park	poppy	painting
20.	mask	merry	garden	picture
21.	now	woman	seeds	colors
22.	bag	bed	put	blue
23.	road	day	rain	yellow
24.	sit	shake	forget	red
25.	eat	snowman	umbrella	green
26.	dance	city	something	other
27.	around	people	do	mix
28.	spin	buildings	of	next
29.	summer	tall	dress	best
30.	filled	apartment	buzz	frog

13

	VOC9	VOC10	VOC11	VOC12
1.	hand	tree	rap	lines
2.	yelled	lion	bear	write
3.	ears	rocks	cried	baby
4.	has	began	oh	home
5.	stay	king	one	mad
6.	lay	fell	two	Mom
7.	tadpoles	where	three	himself
8.	won't	bit	before	door
9.	don't	chicken	four	crying
10.	hen	lucky	beehive	tomorrow
11.	wheat	turkey	five	were
12.	plant	foxy	six	cage
13.	myself	falling	quack	work
14.	cut	father	paper	opened
15.	flour	donkey	your	took
16.	about	trade	many	sniffed
17.	bird	I'll	book	shop
18.	nest	old	have	saw
19.	web	I'm	wasps	be
20.	spider	farm	wood	policeman
21.	net	sent	chews	too
22.	out	rooster	soft	new
23.	under	kitchen	pulp	held
24.	first	robbers	long	right
25.	us	hee-haw	log	sink
26.	race	bow-wow	mill	dish
27.	set	me-ow	sheets	thanks
28.	top	doodle	together	
29.	hot	clay	name	
30.	stop	gray		
31.		who		

	VOC13	VOC14	VOC15	VOC16
1.	class	monsters	takes	story
2.	plan	elephants	shape	paws
3.	off	yet	learn	died
4.	planet	real	how	tools
5.	smile	never	older	use
6.	glad	well	bigger	noon
7.	clap	rest	leaves	spoons
8.	show	else	night	because
9.	lips	mails	hotter	pencils
10.	why	letter	called	lead
11.	hit	happen	questions	marks
12.	sick	basket	answered	parts
13.	tooth	litter	may	eraser
14.	luck	read	kitten	hard
15.	driver	word	wonder	chalk
16.	bump	animals	protects	writing
17.	tire	zoo	sprays	powder
18.	wheel	talk	say	molds
19.	hub	jokes	way	oven
20.	lugs	hoped	danger	taking
21.	until	vote	fly	crayons
22.	each	monkey	fight	age
23.	Donna	wild	frightened	or
24.	lot	miles	try	page
25.	sign	hide	by	place
26.	bulldozer	caves	opossum	kind
27.	job	same	dead	another
28.	block	fine	eyes	head
29.	doll	food	year	spread
30.	crawling	time	famous	sleepy

14

	VOC17	VOC18	VOC19	VOC20
1.	sound	feather	wants	if
2.	seen	tickled	oil	sh-sh-sh
3.	feet	jiggled	idea	path
4.	keep	unroll	let's	safe
5.	free	tremendous	piece	mud
6.	follow	balloon	tried	white
7.	berry	raisins	good-bye	desk
8.	teach	rows	carriage	gave
9.	please	grow	crossing	eyeglasses
10.	treat	buy	groceries	prints
11.	wire	ago	delivery	stuff
12.	lady	apple	wagon	slat
13.	silly	doctor	deliver	sticks
14.	better	country	steered	bake
15.	turned	Indians	trip	rub
16.	could	begin	cap	wax
17.	would	load	cold	melt
18.	matter	float	dropped	cool
19.	laughed	Appleseed	an	side
20.	front	cook	trunk	paste
21.	river	ground	O.K.	dry
22.	squirrel	round	spell	wings
23.	woodchuck	shouted	stuck	grump
24.	wait	proud	spank	bank
25.	plain	goobers	than	slid
26.	tail	plow	skunk	kick
27.	money	brown	itself	seat
28.	more	study	smell	
29.	scrunched	enjoy		
30.	rolled	soil		

	VOC21	VOC22	VOC23	VOC24
1.	felt	pods	different	finest
2.	sneeze	roast	faces	smallest
3.	snapped	ten	sister	narrow
4.	sweet	found	our	hair
5.	stem	grade	late	longest
6.	vine	butter	does	proudest
7.	grape	team	always	sea
8.	ripe	size	any	son
9.	packing	coasters	pale	pail
10.	cleaned	roller	windows	brothers
11.	spring	skate	afraid	their
12.	games	nail	lollipop	there
13.	tub	that's	high	shiny
14.	wins	hammer	shine	adobe
15.	own	spilling	sigh	walls
16.	pot	crash	bagpipes	floor
17.	sack	leash	fire	close
18.	end	pay	sight	plaza
19.	peanuts	paid	village	ready
20.	ever	zig-zag	jungle	here
21.	nuts		bananas	eagle
22.	peas		hold	Navajo
23.			most	teasing
24.			woke	corral
25.			scold	horse
26.			told	hogan
27.			mountains	hurt
28.			Mexico	jacket
29.			wind	skirt
30.			market	fur

VOC25	VOC26	VOC27	VOC28
1. been	tongue	should	able
2. dragons	jaws	collecting	earn
3. giants	mammals	museum	early
4. believe	pairs	yesterday	once
5. stories	air	remember	decided
6. know	calf	collection	grew
7. forest	care	birds'	became
8. knew	rare	families	wrote
9. horns	killer	family	few
10. knight	blew	only	every
11. castle	blow	carry	storyteller
12. terrible	known	carried	farmer
13. fear	overjoyed	worry	field
14. roar	crowd	worried	indeed
15. clear	allow	hundred	thought
16. dear	horrible	tiny	oxen
17. wizard	foot	envelopes	give
18. change	shook	corner	angry
19. bottle	stood	short	ruin
20. hear	which	sort	sure
21. bottom	boards	store	pretty
22. near	you're	started	pancake
23. holiday	they're	guards	shoes
24. millions	didn't	cartons	porridge
25. dinosaurs	isn't	library	finally
26. claws	he's	librarian	miserable
27. almost	it's	model	explain
28. also	what's	heard	enough
29. lizard	promise	bought	kindly
30. even	body	china	quickly

VOC29	VOC30	VOC31	VOC32
1. stern	bumper	office	pool
2. hardly	freeway	elevators	boats
3. surely	exit	climb	fresh
4. really	reporter	restaurant	mean
5. guess	whirly	escalator	sold
6. clever	rotor	unhappiness	bricks
7. love	whirl	Spain	strong
8. again	straight	Mike	plastered
9. course	useful	Taro	smooth
10. either	helpful	grand	feel
11. afterwards	careful	stone	feasting
12. ahead	middle	back	shut
13. behind	trouble	men	drove
14. belong	thankful	sheep	goats
15. above	carefully	honking	skin
16. elves	notice	stuck	gate
17. secret	passenger	chattered	mouths
18. leather	freight	bite	smoke
19. finish	travel	kept	post
20. breakfast	busy	alone	teeth
21. breaths	subway	town	sting
22. themselves	thousands	pole	snake
23. ourselves	piggy-back	wide	kill
24. whispers	trailer	standing	brave
25. prince	caboose	seemed	gold
26. princess	whistle	fish	flag
27. traffic	unpack	supper	waved
28. accident	unhappy	sand	rode
29. helicopter	America	deep	pocket
30. radio	unable	tide	asleep

16

VOC33	VOC34	VOC35	VOC36
1. kites	cost	report	beautiful
2. hunt	such	east	reddish
3. bones	dime	wouldn't	fluffy
4. whales	shore	spot	puppies
5. chin	snail	west	neighbor
6. swim	clam	blaze	gone
7. cow	junk	blades	glove
8. spade	wise	airports	shovel
9. ax	life	train	toward
10. blast	tales	along	bucket
11. dare	sneaked	track	hey
12. smashed	beet	alike	foreman
13. ate	cart	goods	through
14. wife	stare	speed	eight
15. queen	agreed	coast	o'clock
16. find	greedy	hours	thirty
17. scare	speak	railroad	broad
18. hate	pancake	stairs	whole
19. tears	dinner	bounce	important
20. nose	crow	stock	telephone
21. draw	voice	between	tunnels
22. born	stove	tank	ninety
23. might	wrong	canned	garages
24. these	butterflies	ship	fourth
25. stamp	while	sail	enjoyable
26. cards	bench	deck	mayor
27. understand	watch	tugboats	problems
28. save	mice	scrape	easy
29. flat	midnight	skyscraper	seven
30. much	tap	aren't	husband
31.	outfits	flights	
32.	snug	belt	
33.	pants	step	
34.	sang	jam	

VOC37	VOC38	VOC39	VOC40
1. quiet	hurricane	wooden	reason
2. we've	edge	rotten	though
3. hurrah	cottage	walrus	pepper pot
4. I've	pier	aquarium	women
5. kerchief	flooding	collar	muttering
6. rouse	given	comfortable	clothes
7. simply	artist	giraffe	clothesline
8. probably	instead	against	machine
9. sentence	chooses	young	already
10. realize	subject	orangutan	pulleys
11. figure	musicians	guinea pig	faucets
12. motion	imagination	warmer	engine
13. usually	chief	hibernate	poured
14. languages	capital	breathe	popsicles
15. messages	periods	hearts	pretzels
16. ocean	punctuation	acorns	nothing
17. exciting	commas	visiting	paragraphs
18. done	magician	rather	topic
19. great	often	return	gills
20. currents	salt	fruit	oxygen
21. directions	favorite	break	information
22. month	stomach	syllables	rough
23. thumb	pushed	vowel	concrete
24. index	appeared	dividing	expands
25. shoulder	weighed	familiar	contracts
26. wolf	visitors	recognize	acid
27. tepee	carrots	closet	magnifying
28. simple	special	vases	meteor
29. strange	lost	alarm clock	meteorite
30. signal	formula	daughter	Arizona
31. minute	syrup		iron
32.	twice		

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	VOC41	VOC42	VOC43	VOC44
1.	billions	smart	large	prayers
2.	wear	stump	vest-pocket	they've
3.	covered	wagging	hall	bet
4.	huge	send	art	fits
5.	Allosaurus	beside	meet	match
6.	tons	forth	listen	perhaps
7.	Stegosaurus	slowly	marched	skip
8.	fierce	barked	taxes	thrown
9.	plates	leftover	fixing	date
10.	reptiles	stew	trash	threw
11.	fossil	bang	kiss	beach
12.	watershed	boom	roof	storm
13.	stream	noise	thin	forgot
14.	areas	hurry	wake	aloud
15.	reservoirs	fence	hug	map
16.	juice	power	nap	neck
17.	oranges	dump	awake	tight
18.	India	dirt	eyebrow	cork
19.	Arab	loud	toes	add
20.	Africa	space	dozes	tie
21.	padres	ladder	wiping	throw
22.	cuttings	drill	tiptoe	chance
23.	navel	hole	finger	point
24.	groves	brace	jets	groups
25.	backwards	across	lids	deer
26.	bothered	nine	apart	antlers
27.	mesa	rush	nerves	ring
28.	canyon	waste	pound	fists
29.	gentleness	pipes	least	shivering
30.	heavy	gas	circle	below

	VOC45	VOC46	VOC47	VOC48
1.	inches	mama	shy	brook
2.	thunder	discovered	low	stiff
3.	weather	sharp	clues	thick
4.	suddenly	grain	dens	cookies
5.	blinker	gained	mushroom	become
6.	gear	oats	stripped	blanket
7.	railing	scale	piles	squeaked
8.	curl	tip	beechnuts	soak
9.	troop	appearance	shelf	born
10.	raft	shower	otter	thirst
11.	drifted	company	zoom	weak
12.	reached	lap	ice	south
13.	expected	second	pack rat	burning
14.	dive	hay	fair	rays
15.	knees	fuss	refrigerator	hook
16.	lonesome	dangerous	automobile	crook
17.	seals	lie	astronauts	batter
18.	twisting	hang	somersault	bowl
19.	playmates	leans	encyclopedia	frying
20.	hind	bundle	electricity	both
21.	flippers	shaggy	wash	mess
22.	catch	branches	full	yeah
23.	lifted	herd	empty	grinning
24.	fat	owl	till	bolts
25.	forty	goes	table	screws
26.	fifty	during	soap	bent
27.	ball	beat	bathroom	steam
28.	mind	chipmunk	ash trays	gum
29.	grown-up	lying	cellar	jellybean
30.	pen	knocking	drank	popped
31.			worms	bubble

	VOC49	VOC50	VOC51	VOC52
1.	shoot	dam	evening	accented
2.	soda	spoke	rhyming	pattern
3.	popcorn	sour	impossible	Alaska
4.	sparks	freezing	broth	disappoint
5.	lump	church	folk	caught
6.	shot	bud	cloth	moment
7.	rod	twelve	although	meant
8.	eels	fans	delicious	whoa
9.	past	pun	enjoyment	tropical
10.	test	surprises	serious	islands
11.	worn	wig	court	trial
12.	cracks	rattle	judge	prepares
13.	heats	unusual	payment	bowsprit
14.	roots	exactly	judgment	coral
15.	insects	sense	won	reefs
16.	pebbles	phrase	egret	arrive
17.	chunk	raise	bush	national
18.	metal	dictionary	urged	guests
19.	dust	share	brought	exclaimed
20.	counted	contest	patient	imagine
21.	slow	rope	reward	skis
22.	crater	stroked	fortunes	Mexican
23.	fifteen	kindness	bow	African
24.	brain	shame	sew	square
25.	bare	lamb	kingdom	scene
26.	force	darkness	heaven	globe
27.	seeps	coiled	gradually	decode
28.	shed	slipping	combined	purposes
29.	flow	quietness	plaid	Anchorage
30.	lakes		touch	ruler
31.			schwa	route

	VOC53	VOC54	VOC55	VOC56
1.	soldiers	mane	robots	experiment
2.	adventure	sugar	electric	ocean
3.	natives	topics	computers	scientists
4.	August	title	factories	Antarctica
5.	diary	vegetables	microwaves	Arctic
6.	voyage	affects	potato	diagram
7.	volcano	shelter	ordinary	opposite
8.	complained	detective	pleasant	selections
9.	whose	avenue	control	content
10.	half	several	cushion	sergeant
11.	wrecked	mistake	propeller	admired
12.	wandered	operation	hover	customer
13.	fabulous	rescue	hydrofoil	ached
14.	pueblos	especially	communicate	toll
15.	nevertheless	meadow	dials	carnation
16.	prisoner	penguin	television	tramp
17.	capture	underneath	president	inn
18.	pioneers	sandwiches	relay	begged
19.	surrender	mustard	satellites	starved
20.	pretended	difficult	Telstar	roam
21.	bullets	statues	comsat	stir
22.	outnumbered	guitar	received	beef
23.	graves	movements	whether	cabbage
24.	courage	treasure	habitat	fact
25.	dozen	bicycle	submarines	quite
26.	beard	depends	minerals	bread
27.	search	polished	none	cheap
28.	drawer	business	domes	coin
29.	heroes	related	interested	tailor
30.	mare	suffix	science	joined
31.	steal	examples	microscope	laughter

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VOC57	VOC58	VOC59	VOC60
1. coat	marry	baggage	except
2. owe	neat	hotel	twigs
3. silver	slept	gifts	camp
4. case	drew	ticket	attacks
5. appear	puzzled	licked	boiled
6. true	since	cream	unharmed
7. grab	nodded	puddle	number
8. rang	joy	stall	howdy
9. broke	braid	inviting	scalps
10. cattle	breed	carved	war
11. gathered	list	shown	guns
12. thorn	sled	halfway	ain't
13. flew	chained	state	trick
14. perch	soup	jail	warning
15. cheer	brushing	crew	farther
16. throats	checked	beads	hurried
17. dig	harness	bells	chest
18. break	gee	cheese	ma'am
19. beak	haw	third	shelves
20. peck	jerked	weeks	led
21. less	forward	weeds	plenty
22. beasts	trail	bunches	cried
23. peace	moose	mine	filed
24. feeding	passed	silk	broken
25. jolly	tangled	candle	hairpin
26. needle	copra	wore	pin
27. thread	coconut	cotton	crops
28. westward	lamp	parrots	frost
29. dream	mat	explorer	forecasts
30. sorry	cargo	beyond	dollars
31. sparrows	north	fearless	

VOC61	VOC62	VOC63
1. rid	strumming	flips
2. hail	strung	tilts
3. outline	jeans	ranches
4. rubber	broom	slot
5. pillow	sweeping	rugs
6. porch	excitement	cranes
7. trap	winked	teaspoonful
8. fellow	cents	stable
9. bikes	fool	fond
10. choked	foolish	parades
11. leaped	person	bars
12. heel	subtraction	boasted
13. sleet	decision	hero
14. stretching	expansion	promotion
15. nasty	division	snorted
16. trotted	relation	swish
17. poked	beam	nurse
18. wobbling	stack	circus
19. thumping	records	limped
20. ordered	glides	trumpets
21. act	tube	drums
22. dragging	craft	tooted
23. cabins	bay	fife
24. steep	phone	behave
25. pine	programs	wilted
26. ham	cable	bridge
27. carving	tower	pads
28. music	equipment	prize
29. tag	tape	department
30. hummed	cameras	tucked
31.	skim	excellent
32.	slim	partner
33.		glance
34.		fins

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