

TABLE OF CONTENTS

Title	Discipline	Activity	Page
A House for All Seasons	Architecture, Social Studies, Mathematics	Designing something that rotates 360 degrees	8
Altered Axioms	Language Arts, Logic	Determining the reasonableness of sayings	10
Analogizing	Language Arts, Science	Making analogies; composing cinquains	13
A New Route	Mathematics, Social Studies	Devising ways to deliver eggs and get to school on time	16
A S B K	Art	Interpreting a sketch and identifying its most important element	18
Bursts and Bangs	Science, Language Arts, Social Studies	Defining an explosion; speculating about how explosions affect us; discussing a personal experience	21
Call it Courage	Language Arts	Discussing courage and its applications; writing about a courageous person	24
Commonly Understood	Science, Language Arts	Finding commonalities among disparate items	27
Cough	Language Arts, Social Studies, Art	Writing about coughing situations; drawing a scene featuring coughing	30
Don't Believe Everything You Hear	Social Studies, Science, Vocations	Verifying ten generally accepted statements of fact; considering skepticism and trust	34
Fear	Social Studies, Language Arts	Considering fear as an ally	36
Is Eleven the Answer?	Mathematics, Social Studies	Formulating equations; writing about the importance of 11	39
Keeping Up	Social Studies, Language Arts	Examining public services and recommending changes	41
Let's Change the World!	Social Studies, Language Arts, Science	Exploring the possibilities of changing things; imagining the consequences	43
Locks	Social Studies, Language Arts	Writing about imaginary and real locks	47
Making New from the Old	Architecture, Language Arts, Social Studies	Designing a building; describing the uses of the building	50
Miffed!	Language Arts, Social Studies,	Describing a frustrating experience	53
More Than Enough	Social Studies	Predicting about hoarding in the future	55
Mr. Albert's Almost-Happy Day	Science, Social Studies, Language Arts	Explaining a mixed blessing; writing a research report	59
Mr. Anderson's Challenge	Mathematics	Formulating equations	62
Music for Life	Language Arts, Music	Writing descriptions of music that fit animals	64

Round Ball	Mathematics	Determining how the points were scored in a basketball game	67
Six Sketches	Art, Language Arts, Social Studies	Analyzing and evaluating sketches	70
Sweet Success	Social Studies, Language Arts	Analyzing and evaluating forms of success; writing an essay about a measure of success	73
Ted’s Questions	Science, Social Studies	Hypothesizing about everyday phenomena	78
The Best Things in Life	Social Studies, Language Arts	Solving riddles; giving criteria for choosing a favorite musician	81
The Compulsive Buyer	Social Studies, Language Arts	Deciding what to do with many odd objects; writing a character sketch	84
The Last Is First	Social Studies, Language Arts	Explaining ambiguous statements; writing a paragraph	87
The Missing Berries	Science, Language Arts	Hypothesizing about the disappearance of berries	90
The Noon Hour	Art, Language Arts	Speculating about a mystery in an office; sketching a solution; describing what has been drawn;	92
Twisters	Language Arts, Social Studies	Converting ads into puns	94
Two Bucks a Mile	Mathematics, Mapping	Calculating a distance; making a route on a map	96
Was the Book Wrong?	Mathematics, Social Arts	Solving an arithmetic problem; writing a business letter	98
What Do They Have in Common?	Language Arts, Science	Finding commonalities; devising an exercise in commonalities	102
What’s the Rest of It?	Social Studies, Language Arts, Art	Elaborating upon some squiggles and describing what has been drawn	105
Writing a Fortune	Language Arts	Devising messages to go on fortune cookies	109

Teacher's Guide For "Keeping Up"

ABOUT THE ACTIVITY

In some ways, this might be the most challenging activity in *Growing Minds*. It can take much time. In effect, it calls for a hard look at how our society operates and what improvements should be made now.

Level 1: Telling why an institution should be changed

In order for your students to respond to the first question, they must have a definition of *institution* in mind. In the sense it is used here, institution means "an organization having a social, educational, or religious purpose." They must then make a survey of the important institutions of the country and determine which of them is not being used effectively.

Level 2: Determining which public service is not keeping up with the times and explaining what should be done

At this writing, one public service that is under intense scrutiny is health care. In recent times it has been law enforcement, and education always seems to be under fire. Your students may very well find several public services behind the times and in dire need of improvement.

Level 3: Naming the public service that should be drastically changed and telling why

During the debate about reforming public health care, one group took the position that the whole system was wrong and that we should change it radically.

Targeted Learner Outcomes: The student will:

- explain why an institution should be changed
- determine which public service should be brought up to date and why
- name the public service most in need of improvement and tell why

Keeping Up

A. As we proceed through the 21st century, we are becoming more aware of how some elements of modern society have been able to cope with the great technological and social changes of the past 50 years, while others have become increasingly inappropriate and ineffective.

What institution (education, for example) could be changed because we don't seem to be able to use it effectively? Why?

B. What system of public service (libraries, for example) isn't keeping up with the times? What should be done about this?

C. What system of helping people (hospitals, for example) has been strained past its limits and should be discarded or drastically changed? Why do you think so?

