

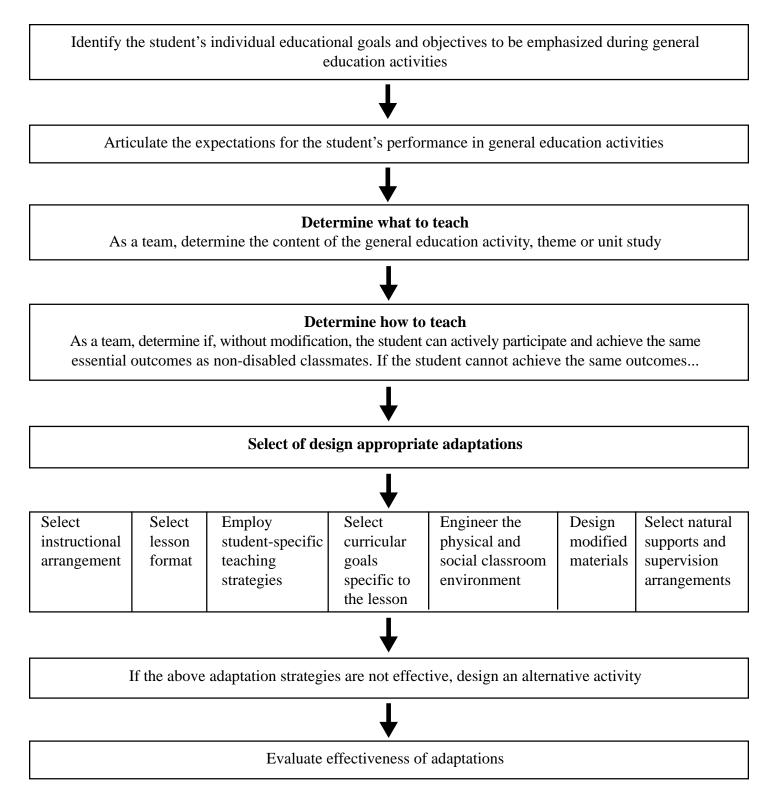
There is no recipe for adapting general education curriculum to meet each student's needs. Each teacher, each student, each classroom is unique and adaptations are specific to each situation.

Keep in mind that curriculum does not always need to be modified. By providing multi-level instruction you will find that adapting a lesson may not always be necessary. Differentiating instruction and providing multiple ways assess allows more flexibility for students to meet the standards and requirements of the class. At other times, the curriculum can be made more accessible through accommodations. In addition, supports for one student may not necessarily be the same in all situations, e.g., a student who needs full time support from a paraprofessional for math may only need natural supports from peers for English, and no support for art. And, supports should not be determined by the disability label, instead supports should be used when the instructional or social activity warrants the need for assistance. (Fisher and Frey, 2001).

The forms and examples on the following pages provide information about curriculum and types of adaptations that could be considered in developing the appropriate strategy for a particular student. Examples are provided for both elementary and secondary levels.

A Curricular Adaptation and Decision-making Process

This decision-making flowchart can be used to conceptualize the proces of selecting and implementing curricular adaptations. It should be used as a tool for a team in determing an individual student's needs.



A Curricular Adaptation and Decision-making Model

Examine the Structure of the Instruction

- 1. Can the student actively participate in the lesson without modification? Will the same essential outcome he achieved?
- 2. Can the student's participation he increased by changing the instructional arrangement?
 - From traditional arrangements to:
 - Cooperative groups
 - Small groups
 - Peer partners
 - Peer or cross-age tutors
- 3. Can the student's participation be increased by changing the lesson format?
 - Interdisciplinary/thematic units
 - Activity-based lessons, games, simulations, role-plays
 - Group investigation or discovery learning
 - Experiential lessons
 - Community-referenced lessons
- 4, Can the Student's participation and understanding be increased by changing the delivery of instruction or teaching style?

Examine the Demands and Evaluation Criteria of the Task

- 5. Will the student need adapted curricular goals?
 - Adjust performance standards
 - Adjust pacing
 - Same content but less complex
 - Similar content with functional/direct applications
 - Adjust the evaluation criteria or system (grading)
 - Adjust management techniques

Examine the Learning Environment

- 6. Can the changes he made in the classroom environment or lesson location that will facilitate participation?
 - Environmental/physical arrangements

- Social rules
- Lesson location

Examine the Materials for Learning

7. Will different materials be needed to ensure participation?

- Same content but variation in size, number, format
- Additional or different materials/devices
- Materials that allow a different mode of input
- Materials that allow a different mode of output
- Materials that reduce the level of abstraction of information

Examine the Support Structure

8. Will personal assistance be needed to ensure participation?

- From peers or the general education instructor?
- From the support facilitator'?
- From therapists'?
- From paraprofessionals?
- From others?

Arrange Alternative Activities that Foster Participation and Interaction

- 9. Will a different activity need to be designed and offered for the student and a small group of peers?
 - In the classroom
 - In other general education environments
 - In community-based environments

Curriculum Adaptations

It is important to correlate adaptations with the IEP. In other words, we are not adapting for adaptations sake but, to meet the student's needs as identified on an IEP.

a. Curriculum as is. This is the type we forget most frequently. We need to constantly be looking at the general education curriculum and asking if the students on IEPs may gain benefit from participating in the curriculum as is. We need to keep in mind that incidental learning does occur. Curriculum as is supports outcomes as identified in standard curriculum.	Move in this direction only when necessary
 b. Different objective within the same activity and curriculum. The student with an IEP works with all the other students in the classroom participating in the activity when possible but, with a different learning objective from the other students. This is where the principle of partial participation fits. Examples include. A student with a short attention span staying on task for 5 minutes. Using a switch to actis ate a communication device to share during a class discussion. Expressing one's thoughts by drawing in a journal instead of writing. Holding a book during reading time. Understanding the effect World War II has on the present rather than knowing the names and dates of key battles. 	
 c. Material or environmental adaptations. The material or environmental changes are utilized so that participation in the general education curriculum by the student with the IEP may occur. Examples include: 5 spelling words from the weekly list instead of the standard 20. Completing a cooking assignment by following picture directions rather than written directions Changing the grouping of the class from large group to small groups (possible with the additional support staff). Changing the instructional delivery from lecture to the cooperative learning format Using a computer to write an assignment instead of paper and pencil. Reading a test to a student. Highlighting the important concepts in a textbook. Using enlarged print Using an assistive technology device Using visual cues such as picture and/or word schedules for those who have difficulty staying on task. Using a note taking guide listing the key concepts during a lecture. 	

 d. Providing Physical assistance. Assistance from another person may be needed for a student to participate in a classroom activity. If possible, it is better to use natural supports (peers) as these will be the people always present in the student' life. If the use of peers is not possible, then either the support teadcher, the paraprofessional, the classroom teacher, the classroom aide, or a parent volunteer may provide the assistance. Most peers and staff will need training in the correct way of providing physical assistance. In addition, we need to keep in mind the principle of partial participations. Examples include: Starting a computer for an student with an IEP to use. Guiding a hand during handwriting. Assisting in activating a switch. Completing most of the steps of an activity and having a student with an IEP do the remainder Pushing a student in a wheelchair to the next activity. 	Move in this direction only when necessary
 e. Alternative/substitue curriculum. This is sometimes referred to as functional curriculum as it usually involves the acpuisition of "life skills." The decision to use alternative/substitute curriculum is a major change and needs to be reflected on the IEP. This decision should be carefully made after weighing all of the pros and cons of using an alternative curriculum. The alternative curriculum may or may not take place in the general education classroom. Examples include: Community-based instruction (which all students may benefit from!) Learning job skills in the school cafeteria. Learning how to use a communication device. Doing laundry for the athletic department Learning cooking/grooming skills at the home. 	•

Overlap does occur among the five types of curriculum adaptations.

Nine Types of Adaptions

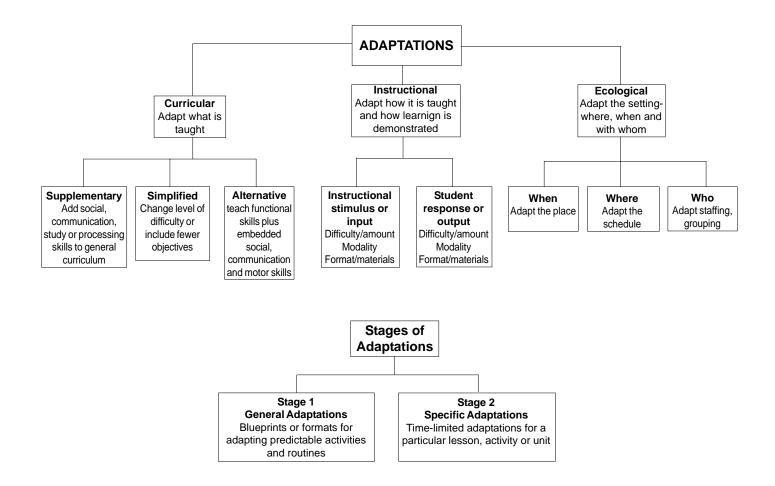
Input	Output	Time
Adapt the way instruction is	Adapt how the learner can	Adapt the time allotted and
delivered to the learner.	respond to instruction	allowed for learning, task
<i>For example:</i>	<i>For example:</i>	completion or testing.
Use different visual aids; plan	Allow a verbal vs. written	<i>For example:</i>
more concrete examples;	response; use a communication	Individualize a timeline for
provide hands-on activities;	book for students; allow	completing a task; pace
place students in cooperative	students to show knowledge	learning differently (increase or
groups.	with hands-on materials.	decrease) for some learners.
Difficulty Adapt the skill level, problem type, or the rules on how the learner may approach the work. <i>For example:</i> Allow a calculator for math problems; simplify task direc- tions; change rules to accom- modate learner needs.	Level of Support Increase the amount of personal assistance with specific learner. <i>For example:</i> Assign peer buddies, teaching assistants, peer tutors or cross- age tutors.	Size Adapt the number of items that the learner is expected to learn or compete. <i>For example:</i> Reduce the number of social studies terms a learner must learn at any one time.
Degree of Participation	Alternate Goals	Substitute Curriculum
Adapt the extent to which a	Adapt the goals or outcome	Provide the different instruction
learner is actively involved in	expectations while using the	and materials to meet a
the task.	same materials.	learner's individual goals.
For example:	<i>For example:</i>	<i>For example:</i>

In geography, have a student hold the globe, while others point out the locations. *For example:* In social studies, expect one student to be able to locate just the states while others learn to locate capitals as well.

For example: Individualize a timeline for completing a task; pace learning differently (increase or decrease) for some learners.

22	TOOLS	FOR	TEACHERS	Curriculum Modifications & Adaptations
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Adaptations



Creating Ways to Adapt Familiar Lessons - Elementary

1. Select th	e subject are	a (and grade l	evel) to be taught:					
reading	math	science	social studies	writing	music	health	P.E.	art
Grade Leve	el:	•••••						
2. Select th	e lesson topi	c to be taught	(on one day):					
3. Briefly i	dentify the ca	<i>urricular</i> goal	l for most learners:	By the end o	f this class,	most studer	nts will kn	ow
	- 			-				••••
•••••		•••••		•••••				••••
4. Briefly i	dentify the ir	<i>istructional</i> p	lan for most learners	s: As teacher	;, I will			•••••
		•••••		•••••				••••
•••••		•••••		•••••				••••
5. Identify	the name(s)	of the learner	(s) who will need ad	aptations in t	he curriculu	ım or instru	ctional pla	ın:
•••••	• • • • • • • • • • • • • • • • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •	••••••	•••••	•••••	• • • • • • • • • • • • • • • • • • • •	••••

6. Now use "Nine Types of Adaptations" as a means of thinking about some of the ways you could adapt what or how you teach to accommodate this learner in the classroom for this lesson.

Input	Output	Time
Difficulty	Level of Support	Size
Degree of Participation	Alternate Goal	Substitute Curriculum

Creating Ways to Adapt Familiar Lessons - Elementary

1. Select the subject area (and grade level) to be taught:

feadingmathsciencesocial studieswritingmusichealthP.E. artGrade Level: ...4

2. Select the lesson topic to be taught (on one day): Vocabulary comprehension

3. Briefly identify the curricular goal for most learners: By the end of this class, most students will knowthe ...meaning.of. new.vocabulary.works.from.their.story.

4. Briefly identify the instructional plan for most learners: As teacher, I will ask students to complete

a matching activity in which they match words and definitions on paper. The students will also choose one word and write a sentence using the word on the bottom of their paper.

5. Identify the name(s) of the learner(s) who will need adaptations in the curriculum or instructional plan: Kim 6. Now use "Nine Types of Adaptations" as a means of thinking about some of the ways you could adapt what or how you teach to accommodate this learner in the classroom for this lesson.

Input Place students in cooperative groups and	Output Allow the student to record all or part of the	Time Ask the student to complete the assignment at
divide the task between group members. Each member teaches their vocabulary work to team members.	assignment on tape.	home and return it the next day.
Difficulty	Level of Support	Size
Select different vocabulary words for the student to learn; words that are less difficult or in some cases more difficult.	Ask a classmate, peer tutor or teaching assistant to assist in completing the assignment.	Select fewer (or more) words for the student to learn, but leave the as- signment the same as for other students.
Degree of Participation	Alternate Goal	Substitute Curriculum
Ask the student to check classmates' definitions against as answer key.	Set the goal as being to write the words only, or being able to pronounce the words, or just listening to the words and definitions.	Choose a different story for the student to read and identify one or several words the learner needs to know.

Creating Ways to Adapt Familiar Lessons - Secondary

1. Select the	e subject area	a (and grade)	level) to be taug	ght:			
math	science	history	literature	business	P.E.	fine arts	health
Grade Leve	el:						
2. Select the	e lesson topic	to be taught	t (on one day):				
3. Briefly id	lentify the <i>cu</i>	<i>urricular</i> goa	l for most learn	ers: By the end	d of this cl	ass, most studen	ts will know
4. Briefly id	lentify the <i>in</i>	<i>structional</i> p	lan for most lea	arners: As teac	her, I will		

5. Identify the name(s) of the learner(s) who will need adaptations in the curriculum or instructional plan:

6. Now use "Nine Types of Adaptations" as a means of thinking about some of the ways you could adapt what or how you teach to accommodate this learner in the classroom for this lesson.

Input	Output	Time
Difficulty	Level of Support	Size
Degree of Participation	Alternate Goal	Substitute Curriculum

Creating Ways to Adapt Familiar Lessons - Secondary

1. Select the subject area (and grade level) to be taught:

math science history literature business P.E. fine arts health Grade Level: <u>10</u>.....

2. Select the lesson topic to be taught (on one day): Concept comprehension

3. Briefly identify the *curricular* goal for most learners: By the end of this class, most students will be able to define and explain the relevance of five concepts from their text chapter.

4. Briefly identify the *instructional* plan for most learners: As teacher, I will ask the students to read the chapter, identify five key concepts and write a short paragraph describing each concept they have chosen.

5. Identify the name(s) of the learner(s) who will need adaptations in the curriculum or instructional plan: John

6. Now use "Nine Types of Adaptations" as a means of thinking about some of the ways you could adapt what or how you teach to accommodate this learner in the classroom for this lesson.

Input	Output	Time
Provide a review of the chapter prior to having the student complete the written work.	Allow the student to use a tape recorder to dic- tate the assignment instead of having to write the answers.	Allow the student an extra day to complete the task either in study hall or at home.
Difficulty	Level of Support	Size
Identify the key concepts for the student but keep the remainder of the asssignment the same.	Place the students in cooperative groups to complete this assignment. Group members can assist the student with reading or writing.	Select fewer or more concepts for the stu- dent to learn, but leave the assignment the same as for other students.
Degree of Participation	Alternate Goal	Substitute Curriculum
Ask the student to pick out related books from the library that will provide supplementary information for classmates.	Set the goal as being to write the key concept words only, or being able to pronounce the words, or just listening to the words and descriptions.	During this lesson the student can work on keyboarding skills in the computer lab.

(Elementary)

		Ther	natic Lesson Plan
School Name	Class:	Unit:	
Student Name: Age: Gradai			Room:
Grade: Parent/Guardian: Classroom Teacher: Inclusion Support Teacher:	Phone	Ľ	
Major standards, objectives and exp	ectations for the unit		
Materials, books, media, worksheets,	software, etc.		Items requiring accommodations and/or modifications
Instructional arrangements. Time an corop group, learning centers, individ Does it change day to day? Explain:	lual activities, non-classr	e group, small group, oom instruction.	Items requiring accommodations and/or modifications
Projects, supplemental activities, an	i homework		Items requiring accommodations and/or modifications
Assessment(s) and final products. Su (attach examples as appropriate) on		performance	Items requiring accommodations and/or modifications

School Name Palm View Elementary Social Studies	Than Different
Student Name: Corey Santos Age: 8 Grade: 2 Parent/Guardian: MS. Anita Santos Phone: 555-5432 Classroom Teacher: Mr. Sean Garrett Inclusion SupportTeacher: MS. Tangela Hunter	Room: 21
Major standards, objectives and expectations for the unit 1. Understand May personal and civic responsibility are imp 2. Understand the cultural traditions and contributions of 3. Display appreciation of diversity in our society, including	various societies and groups.
Materials, books, media, worksheets, software, etc. 1. Children's books on topic 2. "Chocolates" posterboard (Activities for a Diverse Classroom) 3. Family interview guestions 4. Slides and Overheads	Items requiring accommodations and/or modifications 1. Some books on tape 2. Highlighted posterboard 3. Fewer questions - Jone on audio tape
Instructional arrangements. Time and opportunities for large group, small group. corop group. learning centers. individual activities. non-classroom instruction. Does it change day to day? Explain: 1. Large group for read aloud 2. Interactive lessons using various media 3. Cooperative groups to complete Hyperstudio project 4. Small group for chocolate activity	Items requiring accommodations and/or modifications 2. Modify if neccessary 3. Paraeducator assistance with computer
Projects, supplemental activities, and homework . "Box of Chocolates" activity (Activities for a Diverse Classroom) 2. Hyperstudio group project: Are We More Alike Than Different? 3. Homework - family interview	Items requiring accommodations and/or modifications 1. Highlight posterboard of key points 2. Select task items at student's instructional level 4. Provide Word bank or magazine pictures
Assessment(s) and final products. Summarize actual student performance (attach examples as appropriate) on the reverse. 1. Completion of group activities 2. Rubric for Hyperstudio presentation 3. Family interview	Items requiring accommodations and/or modifications 1. Assess on use of language 2. Modify rubric

		Them	atic Lesson Plan
School Name Palm View Elementary	Class: Language Arts		Two Book, Red Book, Blue or Study of Dr. Seuss
Student Name: Corey Santa Age: 8 Grade: 2 Parent/Guardian: MS. Anita Classroom Teacher: Mr. Sea Inclusion Support Teacher: Mg	. Santos Pi in Garrett	hone: 555-5432 ter	Room: 21
Major standards, objectives and exp 1. Increase comprehension 2. Determine the main in 3. Write, question, and m 4. Recognize personal pro-	n by rereading, lea in nonprin ake observatio	, retelling, and discus t communication. ms about familiar to	sion. opics, stories, and new experiences.
Materials, books, media, worksheets, software, etc. 1. Dr. Suess books; 2. Formatted reflective journal; 3. Summary sheet to be completed on each book; 4. Family response journal (home- work); 5. video versions of Dr. Suess books; 6. Computer - Clarisworks program; 7. Biographical source materials			Items requiring accommodations and/or modifications 2. Pictures available for use in journal 6. Picture vocabulary Writing program 7. Taped readings of source material
Instructional arrangements. Time and opportunities for large group. small group. corop group. learning centers, individual activities, non-classroom instruction. Does it change day to day? Explain: 1. Large group for K-W-L chart; 2. Large group read aloud; 3. Read-Write-Pair-share; 4. Individual journal Writing; 5. Partner research in media center; 6. Concept Web Of themes; 7. Small group editing			Items requiring accommodations and/or modifications 1. Preview for prior knowledge 3. Picture schedule of activity 4. Design with sentence stems 5. Create list of materials to locate 6. Pictures for Web 7. Picture checklist of process
Projects, supplemental activities, and homework 1. Read 2 books-parent and child Write in response journal (homework); 2. Choose 4 books from list (one must be a video), analyze for common themes; 3. Analyze for a kin- dergartner, then read aloud to him or her			Items requiring accommodations and/or modifications 1. Parent tips for activity 2. Assistance in selecting books
Assessment(s) and final products. Summarize actual student performance (attach examples as appropriate) on the reverse. 1. Reflective journal entries 2. Author project rubric of presentation 3. Self-assessment of kindergarten reading 4. Portfolio selection			Items requiring accommodations and/or modifications 2. Reduce rubric to focus on thematic analysis 3. Use pictures to support self- assessment

SAMPLE FORM (Secondary)

		F	Academic Unit Lesson P	lan
School Name	Class:	Unit:		
Student Name: Age: Grade:		Class Sche	edule:	Room:
Parent/Guardian: Advocate Teacher: Classroom Teacher:		Phone:		
Major standards, objectives	and expectation:	s for the unit		
Materials, books, media, woo	rksheets, softwa	re, etc.	Items requiring adaptations and/or mo	difications
Instructional arrangements. group. co-op group. learning instruction. Does it change o	centers, individu		Items requiring adaptations and/or mo	difications
Projects, supplemental activ	vities, and homew	vork	Items requiring adaptations and/or mo	vdifications
Assessment(s) and final prov (attach examples as approp		e actual student performance verse.	Items requiring adaptations and/or mo	vdifications

Example for student K	celley Glass)			Academic Unit Les	son Plar
School Name: Central	Biology	Unit: The Ce	u		
Student Name: Kell Age: 15 Grade: 16 Parent/Guardian: MS Advocate Teacher: M Classroom Teacher: M	o. Rebecca G Ir. David Pa	lass Phone: 555-1212 rter	B B B	le: lock 1: Math lock 2: English lock 3: Biology lock 4: World Geography lock 5: 3-D Art	Room: 22 147 10 150 17
2. Students Will	understand identify th	the structure and f e parts of the cell.		of the cell. Ilti-cellular organisms.	
Materials books media wi 1. Book: Modern Biol 2. Educational Videota 3. Art supplies for C 4. Chapter Worksheet 5. Primary source: S 6. Local biology profi	ogy pes related to ell projects s cience magazin	chapter contents	casse 4. M point 5. Re	Items requiring adaptations and/o rder textback from publish tte. Odify Worksheets to emphy s Of chapters. cord science magazine art tape.	ner On. asize key
group, corop group, learning Instruction Does It change 1. Large group inst 2. Swall groups to chapter review	i centerz individua day to day? Expla ruction. with c o complete lab be completed	in Werheads to introduce t s, Worksheets, mind maj in partners (onion ski	o, and	Items requiring adaptations and/ 1. Copy of teacher's o transparencies given to 1. Peer takes notes and key points; student typic computer for both 2. Use of "Read, Write share" strategy (see des page 12) as chapter revi	verhead student d highlights es on to , pair, scription o
Projects supplemental act 1. Honnework: Com cell food items 2. "Design a cell" group projects 8 3. Write-up for ea	plete vocatula and "Parts Presentation	ury, bring in Jell-O of the cell ⁹	Items requiring adoptations and/or modifications 1. Magazine pictures to illustrate the meaning of vocabulary words 3. Lab Writerup sheet completed with peer using computer graphics & illustrations to supplement Writerup		
lattoch examples as opprop 1. Add illustrated v	oriote) on the reve NOCAbulary WOV ctivity: "Desig	actual student performonce irse rds to class portfolio n a cell [®] and [®] Parts	Items requiring adaptations and/or modifications 3. Chapter test read orally with additional time given, reducing the number of options for multiple choice questions to focus on major concepts, and provid- ing options for short answer questions.		

(Example for student Kelley Glass)	Academic Unit Lesson Plan			
School Name: Central English Of Mice and	ud Men			
Student Name: Kelley Glass Class Age: 15 Grade: 10 Parent/Guardian: Ms. Rebecca Glass Phone: 555-1212 Advocate Teacher: Mr. David Porter Glassroom Teacher: Mr. Sam MOOVE	ss Schedule: Room: Black 1: Math 22 Black 2: English 147 Black 3: Biology 10 Black 4: Warld Geography 150 Black 5: 3-D Art 17			
Mojor standards, objectives and expectations for the unit 1. Students will evaluate their beliefs related to prejudice a 2. Students will learn about the plight of the migrant fo 3. Students will learn about the times during the Depression Steinbeck did his writing.	arm Worker.			
Materials books media worksheets software etc. 1. Copy of the short story "The Circuit" by Francisco Jimenez 2. Copy of the novel <u>Of Mice and Men</u> by John Steinbeck. 3. Worksheets for each of the six chapters 4. Video of the book <u>Of Mice and Men</u> 5. Video camera 6. "I Am" Poem to use with "The Circuit" 7. "Open Mind" Worksheet (see activity Under Projects) 8. Circle of Friends Worksheet (see activity Under Projects)	Items requiring adaptations and/or modifications 1. Audiotapeltape recorder of the short story "The Circuit" 2. Audiotapeltape recorder of the novel <u>OF Nice and Mon</u> 3. Reformat chapter submary worksheets and comprehension questions using outlines, pictures, or yeslup format			
Instructional arrangements. Time and opportunities for large group. small group, corop group, learning centers, individual activities, norrelassroom instruction. Does it change day to day? Explain: 1. Large group instruction for introduction of the time period, Steinbeck, the Depression and migrant farm workers; use of opening guestion in Socratic dialogue format: Ann I my brother's keeper? 2. Small groups for "I Am" poem for "The Circuit" 3. Student pairs to complete worksheets 4. Large group presentation for trial for George (with every student baring a part in the trial)				
 Projects, supplemental activities, and homework I. Class completes chapter worksheets 2. "J Am" poen on short story "The Circuit" Students complete outline of poen format that includes descriptive phrases, parallel structure within lines, and constructive thinking 3. Simulated trial of George for killing Lennie Hanework: rehearse roles in trial, some reading of novel at home 5. Illustration of vocabulary words 6. "Open Mind" activity: students fill in thoughts from the perspective of specified characters 7. Circle of Friends activity: students complete circular diagram to identify their relationships with family and friends; students complete similar diagram for completing "Open Mind" activity 				
Assessment(s) and final products. Summarize actual student performance (attach examples as appropriate) on the reverse. 1. Trial presentation/videotaped 2. Objective test 3. Evaluative essay	Items requiring adoptations and/or modifications 2. Test read availy to student by peer tutor. Choices for answers are limited in number. 3. With assistance from peer, complete the essay autime using computer. Create a pictorial collage to represent the themes of each section of the autime.			