DOCUMENT RESUME

ED 200 939   CS 006 032

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TITLE   Reading and Writing in a Classroom: A Sociolinguistic
              Ethnography.
PUB DATE   Apr 81
NOTE   25p.; Paper presented at the Annual Meeting of the
              American Educational Research Association (Los
              Angeles, CA, April 13-17, 1981).

EDRS PRICE   MF01/PC01 Plus Postage.
DESCRIPTORS   Black Students; *Classroom Communication; Classroom
              Observation Techniques; Cultural Influences;
              *Educational Research; Ethnography; Junior High
              Schools; Language Processing; Social Studies;
              *Sociolinguistics; *Student Behavior; *Writing
              (Composition); *Written Language

ABSTRACT
              A study of the written language that was produced
within one junior high school social studies classroom over a
38-minute period was based on the assumptions that (1) written
language is not only affected by the context of the communicative
event in which it is involved, but is also involved in the
construction of the communicative event; (2) the learning of the
written language of the classroom can be conceptualized as consisting
of three components--the development of written language
communicative competence, learning the forms of classroom written
language behavior, and learning about the written language of the
classroom; and (3) the learning of language does not occur separately
from the learning of thought. A microanalytic description of three
different written language events from the social studies classroom
revealed an emphasis on procedural aspects for completing the
instructional task. Students were observed to have learned the
procedures of the patterns but not how the patterns were used to
communicate across space and time. It appeared that reading or
written language was, in effect, a set of procedures one enacts. The
study suggests that students learn a "cultural stance" toward the
written language (and communication in general) of their culture.
(HOD)

READING AND WRITING IN A CLASSROOM:

A SOCIOLINGUISTIC ETHNOGRAPHY

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Paper presented at the Annual Meeting of the American Educational Research

Association, Los Angeles, April 1981.

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1.0 INTRODUCTION

In this paper I would like to share a "look" at one junior high school

social studies classroom, and, at the nature of written language within that one

thirty-eight minute period. The data about this classroom comes from a larger

sociolinguistic ethnographic study of the reading activities of a small group

of Black junior high school students in an urban school system. However, before

describing the data, I would like to discuss the rationale for my interest in

this area, and, I would also like to present some of the assumptions upon which the

research and its interpretation were based.

1.1 RATIONALE

By admitting some of the goals I had in pursuing this research, I hope to

reveal any bias I may have had in the collection and interpretation of the data, and,

I hope to provide a framework for the discussion that follows. Typically, reading

and writing research have been concerned with the development of reading and writing

proficiency. While I admit to sharing some of that concern, my primary interest in

this area is to examine one component of the enculturation process.

Briefly, the enculturation process is the way in which adult members of a society

make their children full members of the culture and/or society. Not only does the

enculturation process involve the child's acquisition of values and customs, but

more importantly, it involves the acquisition of ways of thinking, ways of using

language, ways of organizing one's behavior, and, the learning of what constitutes

appropriate social behavior in a variety of situations.

There seems to be a numbers of researchers and theorists who have called for

an examination of child language development from this perspective (Mishler 1972;

Schwartz 1981; Halliday 1975; Vygotsky 1962). In addition, there seems to be a

number of ethnographic and sociolinguistic studies that also seem to be looking

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at language from this perspective (Scollon and Scollon, in press; Michaels 1980; Tannen 1980; Florio and Shultz 1979; Erickson and Shultz 1981; Gumperz 1981; Cook-Gumperz 1981; Cook-Gumperz and Gumperz 1976; among others. See Bloome and Green, in press, for a review of sociolinguistic and ethnographic research in this area). Most of these studies are based on cross-cultural perspectives. These cross-cultural perspectives may involve interethnic issues (such as the work of Scollon and Scollon, in press, on Athabaskan Native Americans and Anglo school personnel); or, the cross-cultural perspective may focus on the transition from child culture to adult culture (such as the work of Cook-Gumperz 1981; Cook-Gumperz and Gumperz 1976).

1.2 ASSUMPTIONS

While space does not permit a listing of all of the assumptions made in the research study, it is important to list the major assumptions. These assumptions are consistent with recent research in sociolinguistic ethnography (i.e. Green and Wallat 1981; Hymes 197 ; Erickson and Shultz 1981) and classroom language research (i.e. Cazden, John, and, Hymes 1972). As with the rationale, above, the assumptions presented here provide a framework for presenting and interpreting the data.

The first assumption is that written language (reading and writing) is not only affected by the context of the communicative event in which it is involved, but, written language is also involved in the construction of the communicative event. In other words, the nature of written language, as a cognitive-linguistic process is affected by the nature of the context in which written language is used; and, written language is used as part of the process in constructing a communicative context. I define context similarly to McDermott (1976), Erickson and Shultz (1977) and Gumperz (1976) in the sense that contexts are constructed by what people do in interaction with each other. That is, the actions and reactions of people to each other becomes the context of the event through which participants indicate their intentions and interpret the behavior of others. The context of an event

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is not static, nor predetermined (although participants may come to the event with expectations about the nature of the event and what would constitute appropriate behavior in the event); but rather, contexts continue to evolve as the participants continue to interact. Thus, in examining written language, one has to look not only at the printed discourse, but at the contexts in which written language is used and at how written language is used in constructing a context for social interaction.

The second assumption concerns the nature of learning the written language of the classroom. As a heuristic device, learning the written language of the classroom can be conceptualized as consisting of three components (based on Halliday's discussion of the components of learning language, 1980). The three components are --

> 1. The development of written language communicative
>   competence, or, learning how to effectively and
>   appropriately use written language in the classroom;
>
> 2. Learning the forms of classroom written language
>   behavior; and,
>
> 3. Learning about the written language of the classroom.

The first component, learning how to use written language in the classroom appropriately, involves learning to "read" the communicative demands of the various situations within the classroom and responding appropriately with written language. The second component, learning the forms of classroom written language behavior involves learning not only the nature of the different genres of classroom written language (i.e. heading on the paper, short answer, essay) but also learning what verbal, nonverbal, and, paralinguistic behaviors need to accompany the use of written language. Since, as Heap (1980) suggests , what counts as reading is determined by resultant behaviors, one component of learning the written langue of the classroom involves learning what behaviors count as reading - or as writing - within the various situations in the classroom. The third component, learning about

the written language of the classroom, involves acquisition of the metalinguistic

concepts about reading and writing that are operant in the classroom.

The third major assumption made in this paper concerns the relationship between

the learning of language and the learning of thought. The learning of language,

whether written language, oral language, classroom language, or, other language)

does not occur separately from the learning of thought. By thought, I am not referring

to thinking (the acquisition of cogntive processes). Rather, I am referring to the

shared cogntive constructs held by members of a culture or society. By thought,

I am referring to.what Vygotsky (1962) calls "scientific concepts" which are

concepts learned through interaction with adults or more knowledgeable members of

the society (as opposed to "spontaneous"concepts which are acquired through inte...iction

with the physical world). Schwartz (1981) provides an example and an explanation

of the relationship between thought and language (his example is based on an

example used earlier by Margaret Mead):

> "A child calls an elephant a 'doggy' and is told 'No dear,
> that's not a doggy that's an elephant," ...I would suggest
> that in the process of substituting culturally correct
> category delimitations for its initial categorizations the
> child is learning in increments,"Don't think for yourself
> Culture will think for you" (p.   )

Agar (197) and Halliday (n.d.) similarly discuss this relationship between

thought and language, suggesting that not only is thought acquired through

lexical categorizations of nouns (as suggested above in Schwartz's example), but

also through verbs, and, through language's ability to be situation specific and

general at the same time,

2.0 DESCRIPTION OF THE WRITTEN LANGUAGE IN A SOCIAL STUDIES LESSON

Having discussed my goals for pursuing research in this area, and, having

outlined some of my theoretical assumptions, I can now turn to describing

the nature of written language within one classroom. First, I will present

a surface level description that includes a discussion of the teacher's perception

of the nature of the lesson. Then, I will present a microanalytical description

of the lesson, which will include a brief discussion of the microanalytic

methodology.

2.1 THE SURFACE LEVEL DESCRIPTION OF THE SOCIAL STUDIES LESSON

The lesson discussed below occurred on March 4. The lesson consisted of

seven segments. Some of the segments consisted of sub-segments. These seg-

ments and sub-segments were determined by replaying a videotape of the lesson

to the teacher and discussing the lesson with him. These segments and sub-

segments are show below.

I. Pre-Lesson

II. Getting Attention

III. Motivation

IV. Instruction

A. Introduction and Rationale

B. Preparation for Instruction

C. Instruction

V. Review

VI. Test

A. Transition to Test

B. Introduction to the Test

C. Coat Rule

D. Test Beginning

E. Test Body

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F. Test Cover Sheet Rule

G. Test - Move Up

H. Test Finish

I. Test Collection

VII. Feedback

The students entered the classroom, talking with each other and taking their assigned seats (prelesson segment). The teacher moved to the front of the room and called for the class to give him their attention (getting attention segment). The teacher then lectured and discussed school assignment changes, deficiency slips, grades, and, grade responsibilities (motivation segment). Books were distributed, the students were informed about the quiz at the end of the period, and, engaged in a question-answer-discussion activity about the topics on the quiz (instruction segment). After all of the topics were discussed the students were given a short time to independently study for the quiz (review segment). The test was shown on the overhead projector (test segment). After the test was collected, the teacher told the students what the correct answers were (feedback segment).

The social studies teacher viewed the lesson as essentially a "reading lesson." He told me that most of the content of the lesson was of little use to the students. He wanted the students to learn to use reading to answer questions, and, he wanted them to be successful in a classroom event that involved the use of reading. The need for student success was based on his view that these students were constantly being presented with failure and that they needed to be shown that they could be successful on an academic task requiring reading.

The students, seventh graders, had been selected for this class because their most recent scores on the Standford Diagnostic Reading Test placed them in the lower thirty-three percentile on either vocabulary or reading compre-hension. Most of the students had participated in Title I, compensatory pro-grams in their elementary schools.

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2.2 THE MICROANALYTIC DESCRIPTION OF THE WRITTEN LANGUAGE IN THE SOCIAL STUDIES LESSON

In this section, I would like to share the microanalytic description of 3 different written language events from this social studies classroom. Although there were more than three written language events in this lesson, there is insufficient space to discuss all of the written language events in this paper. Before presenting the microanalytic description, however, I would like to briefly discuss the nature of research methodology and the nature of the microanalytic methodology.

2.21 THE NATURE OF THE RESEARCH METHODOLOGY: SOCIOLINGUISTIC ETHNOGRAPHY

A sociolinguistic ethnography involves the capturing of the communicative processes involved in naturally occurring face-to-face interactions. The intent of a sociolinguistic ethnography is to generate grounded hypotheses about the patterns of communicative behavior involved in the construction of events at the level of face-to-face interaction.

The methodology used in a sociolinguistic ethnographic study consists of ethnographic techniques such as participant observation, field notes, ethnographic interviewing, audio taping, video taping, and the collection of artifacts.

The aralytic techniques are used to provide context-bound descriptions of the functions, forms, and meanings of the language participants used in order to communicate their intentions. Thus, the analytic techniques attempt to describe the nature of the social and/or communicative processes as they actually occurred within the face-to-face event.

There are two types of validity involved in sociolinguistic ethnographic research: internal validity and external validity. Internal validity is based on the recurrence of patterns of social and communicative behavior within analogous events. External validity is based on the verification of the patterns of social and communicative behavior by the participants to the event.

The end result of a sociolinguistic ethnography is a series of models of social and/or communicative behavior. These models provide grounded hypotheses for further research, and, also provide grounded theoretical constructs for theory building.

2.22 THE NATURE OF THE MICROANALYTIC DESCRIPTION

The microanalytic methodology can be viewed as consisting of three sets of processes: 1) the identification of social message units, 2) the identification of message ties (the structural and thematic cohesion of the discourse), and 3) the identification of patterns of social behavior.

The identification of social message units consists of identifying the boundaries of the basic messages that make up a conversation. Discussion of the identification of social message units is discussed at length in Green and Wallat (1981). Briefly, a social message unit is identified through the use of contextualization cues (Gumperz 1976) which are nonverbal, verbal, and, paralinguistic signals used by participants to communicate and interpret meaning. Nonverbal and prosodic cues (such as rhythm, intonation, posturing, stress patterns, eye gaze) are used in identifying the boundaries of the social message units.

The identification of message ties consists of identifying the
structural and thematic relaticnship of messages to each other. Ties between
messages are determined on the basis of explicit verbal cues, nonverbal cues,
prosodic cues, contingency of messages, and/or congurency of messages. Usually,
there is a redundancy of cues indicating a message tie. However, regardless
of the cues signalling a message tie, the making of a message tie always
involves the making of a inference. This is true not only for the participant
observor or researcher reviewing videotapes, but also for the participants
themselves. Frederickson (1981) suggests that three types of inferences
are used: macrostructural inferences (ties between a message unit and a hierarchial
concept not necessarily explicitly stated in the discourse), extensive inferences
(ties between message units and background experience not necessarily explicitly
stated in the conversational discourse), and, connective inferences (ties
between the message units of a conversational discourse). Further discussion
about the nature of message ties can be found in Frederickson (1981) and
Green and Wallat (1981).

The identification of patterns of social behavior stems from the internal
valdiity component of type case analysis. Once a pattern is identified,
the corpus of data is searched for recurrence of the pattern. That is, the
pattern is used as a model for prediction of social behavior in analogous
situations within the corpus of data. If the model provides predictability
in analogous situations, then the pattern of social behavior is said to have
internal validity. The initial identification of the pattern occurs through
repeated viewing of the corpus of videotapes, identification of an event
that seems to be of research interest consistent with the researcher's goals,
and then, through the identification of social message units and the identification
of message ties and the thematic and structural cohesion.

2.23 MICROANALYTIC PATTERNS OF WRITTEN LANGUAGE BEHAVIOR FROM A SOCIAL STUDIES LESSON

In this section, the microanalytic description of three written language events within the social studies lesson are presented. Full discussion of the nature of the analysis is not possible here, but can be found in Bloome(1981). The three written language events are related, and, their relationship will become clear as the discussion of the events progresses. Following the description of the events, implications of the descriptions will be presented.

2.231 WRITTEN LANGUAGE DURING INSTRUCTION

The following interaction (see next page) occurred during the instructional segment of the lesson. The teacher had announced that the nine questions written on the blackboard were nearly the same as nine of the ten questions on the quiz. The students had already received their textbooks, and, were sitting at their assigned seats with their textbooks open. One of the questions on the blackboard was: "Where is the piedmont in relation to the mountains?"

(The instructional conversation shown on the next page is divided into message units. Each numbered line represents one message unit. As discussed earlier, each message unit was determined through identification of the contextualization cues that indicated message unit boundaries. These contextualization cues have not been indicated on the transcript. Interrater reliability in identifying message units during the social studies lesson was aproximately .91. Such an interrater reliability coefficient is consistent with that found by other researchers conducting similar types of analyses.)

Sampe One

1.	Teacher:	Alright
2.		Where is the piedmont in relation to the mountains
3.		Look at the right hand column on page 81
4.		Near the bottom
5.		Where is the piedmont in relation to the mountains
6.	Several Students:	00000000......0000000000
7.		XXXXXXXX(undecipherable)XXXXXXXX
8.	Teacher:	You're not reading
9.		Sir
10.		Where is it
11.		You got a hand up sir
12.	First Student:	Oh
13.	Teacher:	Where is it
14.	Unidentified:	XXXXXXXXXXXXXXXXXXXX
15.	Teacher	Where is it
16.	Several Students:	0000000000000........0000000000
17.	Teacher:	Where is the piedmont in relation to the mountains
18.		Who knows for sure John
19.	John:	Lies along the coast
20.	Teacher:	Mmmmmmmmmmmm.....no
21.		Look at that right hand column
22.		Harry
23.	Harry:	Oh...a...a
24.	Teacher:	Where is it
25.	Harry:	The waterline
26.		Near the waterline
27.	Unidentified:	Repeat XXXXXXXXXXXXXXXXXX
28.	Teacher	You are not reading it
29.	Second Student:	Mister mister
30.	Several Students:	Mister S_____ repeat it again
31.	Teacher:	Where is the piedmont
32.		Near the mountains yes
33.	Teacher:	You know
34.	Third Student:	West of the piedmont
35.	Fourth Student:	Is it the foot of the mountains
36.	Teacher:	The foot of the mountains
37.		You find that right at the bottom of the second last paragraph on the on the on page 81
38.	Unidentified:	I know XXXXXXXXXXXX
39.	Teacher:	The piedmont is at the foot
40.	Unidentified:	I knew where it was at
41.	Teacher:	On the mountains
42.		That means at the base of it

While there are many interesting aspects to the above interaction, I would like to focus primarily on those aspects related to written language. On the surface level, written language, in the form of textbooks, provides a primary source of information that students can use in answering the teacher's questions. However, when one looks beyond the surface level one sees that written language does more than merely provide students with a source of information. In order to look beyond the surface level, one needs to examine the patterns of social and communicative behavior.

An analysis of the referents involved in the above classroom interaction revealed a recurrent pattern; a pattern that occurred seven times in this lesson and frequently in other classroom lessons. The pattern was extracted by first breaking the instructional conversation into social message units through procedures described by Green and Wallat (1979, 1980). Then, each message unit was charted as to its reference to 1) the instructional goal or task, 2) classroom procedures, 3) print, 4) social status 5) race, or 6) other. These categories were chosen as a result of long-term participant observation and informal interviewing with students and the teachers as the most prevelant conversational themes occurring in classrooms. The charting of social message units to one or more of these themes was based on either an explicit verbal reference, a nonverbal cue, a prosodic cue, and/or, the congruency-adjacency of a social message unit.

The general pattern of references in the above sample, and, in analogous samples was:

    A. Reference to the <u>instructional goal</u> or task.

    B. Reference to <u>print</u>.

    C. Reference to the <u>instructional goal</u> or task.

    D. References to both <u>instructional goal or task</u> <u>and classroom</u>

procedures.

    E. Reference to <u>instructional goal</u> or task.

The teacher states the instructional task (line 2: finding out where the piedmont

is in relation to the mountains). He then tells what page and column the students

should look at (lines 3 and 4). The instructional task is restated (line 5).

This is followed by a series of messages concerned with classroom procedures

and/or restatements of the instructional goal (I will argue below that the

restatements of the instructional task during this section is actually part of

the orchestration of student bids for turns and elicitation of student response.

Finally, after the instructional task has been appropriately completed, the

instructional goal is restated.

    When one looks at the number of message units within each section of the

pattern described above one finds the following:

> - the initial reference to the instructional task contained one
>   message unit;
>
> - the reference to printed discourse contained two message units;
>
> - the second reference to the instructional goal contained
>   one message unit;
>
> - references to classroom procedures and the instructional task
>   section contained thrity-two message units;
>
> - the final reference to the instructional goal or task contained
>   five message units.

    When one looks at the nature of the references to reading, outside of

lines #3 and 4, one finds the following:

> - on line # 8, the teacher tells the students that they are not reading,
>   suggesting that the students m   behave as if they have read and/or
>   are reading before they can answer the question;

- on line #21, the teacher redirects the students' attention to
  the right hand column, which is essentially a procedure statement;
- on line # 28, the teacher tells them again that they are not
  reading, suggesting that because they are not coming up with the
  appropriate answer and/or are not behaving as if they are reading,
  that they are not reading.

There are several points that can be made about this segment of classroom
interaction, at this point. First, the emphasis seems placed on procedural
aspects for completing the instructional task. If students follow the outline
procedure, then they are expected to get the appropriate answer. Second, reading
is viewed, it seems, as essentially a procedure. One is to look at an appropriate
line and one knows the answer. The nature of these procedures is highlighted
through ensuing interactions. The blackboard questions are sequenced exactly
as the information is sequenced. Each question requires the students to "read"
within the next one or two paragraphs. Thus, even the transition from one segment
of classroom interaction (like the one described above) to the next situation is
structured through an overt set of procedures. After several similar classroom
interactions, many of the students have picked up the structure involved in
making the transitions. This is made evident when the teacher violates the
established procedures and requires a response that is not located within the
usual area but is located on the next page. Many of the students look at the
wrong page, and, it is only when the teacher restates what page that they are to
look at do these students finally find the correct page.

It should also be noted that several students in the class are "masking"
reading. They are "faking" it. They follow the required "visible" behaviors
of looking at the book and flipping pages, having the appropriate postural behavior,
and so forth, but they are often on the wrong page and seem to have only a minimal
idea about what the instructional task is, or, what the appropriate answer might be.

(A detailed description of one student's "masking" behavior is provided in Bloome, 1981).

One of the interesting aspects of the instructional segment above is the nature of its structural and thematic cohesion. Essentially, from message unit # 2 to 37, the students and the teacher work with and build upon each others' messages until they have the task completed and a shift in the nature of the interaction occurs (at lines #36 to 38). This is similar to what Green and Wallat (1980) and McDermott (1977) found in their studies in that both teacher and students work together towards the accomplishment of instructional or other goals (as defined within the instructional context).

2.232 WRITTEN LANGUAGE DURING THE REVIEW SEGMENT

Before discussing the implications of the patterns of written language behavior in the instructional segment (as described above) several other segments of classroom situations need to be described. After the instructional segment of the lesson, the teacher told the students that they had a brief period to review the balckboard questions. During this time, many students sharpened pencils or bought pencils from the teacher. Some students quietly talked and joked with each other, often getting out of their seats. One student's behavior during this period is particularly interesting. Ann's behavior, while not typical of most of the students during this time, was typical of the behavior of many students during this lesson and other analogous situations.

During the review segment Ann did not make any verbal comments except for a request to collect the books at the beginning of the review segment. The only observable behavior of Ann during this period was her nonverbal behavior (Ann does make some "mouthings" - moving of her lips - but does not make any sounds that could be heard by anyone other than herself). The example below is typical of Ann's behavior during this segment.

1. (looks at the open page in the book)
2. (Flips some pages in the book, stops at one page)
3. (Flips some pages in the book, stops at one page)
4. (Flips some pages in the book, stops at one page)
5. (Flips some pages in the book, stops at one page)
6. (Grabs some of the pages of the book, holding them vertically)
7. (Looks at students in the front of the room)
8. (Looks at the open page in the book, then flips some pages)
9. (Stops flipping pages and looks at a page in the book)
10. (Points with her finger to a place on the page)
11. (While looking at the page, mouths)
12. (Looks at camera)
13. (Looks at page)
14. (Mouths while looking at page)
15. (Looks at camera)
16. (Grabs book pages and holds them vertically)
17. (Writes on the table between her body and the book)
18. (Mouths while writing)
19. (Stops writing but looks at writing)
20. (Writes on table)

The typical pattern of Ann's nonverbal behavior is shown below:

A. Looking at the book

B. Looking up at students or the camera

C. Using pages or arm to shield an area between the

book and her body

D. Writing on the table.

E. Looking at the writing on the table.

F. Erasing or writing on the table.

Ann seemed to do a lot of erasing of her writing on the table. The erasing would be followed by either looking back at the book - at the same page she had been looking at - or, it would be followed by more writing on the table. Towards the end of the review segment the pattern changed slightly. Ann frequently omitted looking up at other students or the camera. This was especially true after the teacher announced that there was only two minutes left to the review segment.

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Ann's behavior during the Review segment (above) needs to be viewed in the context of her behavior during the test segment. During the text, Ann's behavior followed the pattern below:

A. Look at the test projected on the back wall;

B. Look at the table writing (Ann had written on the table during the review segment, as described earlier);

c. Look at the paper she was using as an answer sheet;

D. Write or erase on the paper;

E. Look at the paper again.

For Ann, during the test segment, written language was used not only to ask and answer questions, but was also used to provide the information for answering questions.

An analysis of Ann's behavior must begin with a distinction between Ann's communication during the review and test segment, versus, her communication in response to the test questions. Ann's nonverbal behavior during the test and review segment effectively communicated appropriate participation. Otherwise she would've been sanctioned for violating the rules for appropriate social behavior by either the teacher or by other students. Beyond the surface level of signalling appropriate participation, Ann is engaging in a pattern of communicative behavior analogous to the pattern of behavior involved in the instructional segment:

a. she looks at the instructional task (test question);

b. she looks at the printed discourse (table writing);

c. she follows a series of classroom procedures (such as writing the letter of the answer and/or erasing and/or covering her paper);

d. she looks at the original instructional task (she looks back at her paper).

Just as in the instructional segment where there was a series of missed attempts to complete the instructional goal, so too, are there a series of missed attempts in

getting the correct (or what is hoped will be the correct) answer written on the paper. Ann often has to write, erase, and, rewrite a series of times before she goes on to the next question.

One might mistakenly assume that Ann's use of these procedures (described above) or patterns provides here with a means for correctly answering questions. However, her low grade on this test (she missed all but two multiple choice questions out of nine multiple choice questions; and, she missed all but one state out of six states that she was supposed to be able to identify and write correctly) and her behavior during the feedback section suggest otherwise. During the feedback section, Ann -who is now sitting with other students - proclaims verbally and nonverbally that she "got that one right" each time the teacher reviews a question and the appropriate answer. She holds up a finger for each answer and jumps up and down in her chair saying "I got that one" and so forth. In effect, Ann behaves as if she got them correct so that the other people in the classroom will think that she did get them correct, I presume.

2.3 DISCUSSION OF THE MICROANALYTIC PATTERNS

When one takes a look at Ann's behavior, it seems as if she has learned patterns of surface level behavior that allow her to appropriately participate in some written language events without necessarily having to use written language to effectively communicate over space and time (using written language to communicate over space and time has been defined by several researchers as the essential function of writing). It also appears that Ann has learned a pattern of written language behavior, possibly derived from her participation in instructional segments such as the one described in this paper, but, she has learned them procedurally and not substantively. That is, she has learned the procedures of the patterns but it seems she has not learned how to use the patterns using written language to communicate across space and time. It seems as if the written language communicative

competence that Ann has learned allows her to 1)appropriately participate in
classroom events, while 2) fail to answer correctly content questions.

The concepts of reading that Ann and her classmates encounter in the
lesson, especially in the instructional segment (as well as in other segments of
the lesson not reviewed in this paper), suggest that reading and/or written language
is, in effect, a set of procedures one enacts. One follows a set of procedures
and then one has been reading and/or using written language.

3.0 DISCUSSION AND IMPLICATIONS

I have not been able, in this paper, to discuss the nature of the forms of
written language in this classroom. However, this component of learning the written
language of the classroom also needs to be considered in addition to the other
two components: written language communicative competence, and, learning about the
written language of the classroom. Nor, have I been able to describe some
other written language situations that repeatedly occur in this lesson and/or in
other observed classrooms that do not follow the patterns I have described above.
However, both the nature of the forms of written language and other written
language events seem consistent, thematically with the issues and situations I've
discussed earlier.

The implications of this look at written language in the classroom are
similar to implications suggested by DeStefano, Pepinsky, and, Sanders' (1981)
study of a first grade classroom. They noted that the language of classroom literacy
events was essentially procedural, and, that although students did not necessarily
improve their literacy skills, they did learn the procedures. The implications of
my work suggest that researchers need to examine the possibility that in some
classrooms, perhaps in some schools, the learning of written language is equivalent
to the learning of procedures and patterns of social behavior that do not provide
children with the ability to use written language to communicate across space
and time effectively nor in a manner consistent with the expectations that most
educators would have regarding written language.

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When the patterns of written language behavior described in this paper are viewed from the perspective of the learning of "thought" (discussed earlier), then other implications can be suggested as avenues for further research. The "thought" that students may be learning is the equating of written language with a set of patterns of social behavior. That is, students learned language, in this study classroom written language, as social form. The social form has a social function. This can be contrasted with viewing written language as having a content that has a social function embedded within a social form. The suggestion is that students learn a "cultural stance" towards written language and communication in general, into which they are enculturated. Further research is needed in order to understand both the nature of the enculturation process and the nature of the written language into which children are enculturated.

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