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A restricted curriculum for second language learners – a self-fulfilling teacher strategy?

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The focus of this article is on relations between classroom interaction, curricular knowledge and student engagement in diverse classrooms. It is based on a study with ethnographic perspective in which two primary school classes in Sweden were followed for three years. The analysis draws on Halliday’s Systemic Functional Linguistics. The results indicate that language use in the classrooms is on a basic everyday level and that high teacher control results in low-demanding tasks and low engagement among students. Interaction in the classrooms mainly consists of short talk-turns with fragmented language, frequent repairs and interruptions, while writing and reading consists of single words and short sentences. Although the classroom atmosphere is friendly and inclusive, second language students are denied necessary opportunities to develop curricular knowledge and Swedish at the advanced level, which they will need higher up in the school system. The restricted curriculum that these students are offered in school thus restricts their opportunities to school success. Thus, I argue for a more reflective and critical approach regarding language use in classrooms.

Keywords: classroom interaction; academic language; curriculum; engagement; challenging pedagogy.

Introduction

An increasing number of students all over the world attend schools where instruction is given in another language than the one they speak in their homes. In Sweden this is the case for about 15% of the students for whom Swedish is a second language. In some schools, the second language learners, L2-learners, in schools make up 90–100% of the students. This means that Swedish simultaneously is a goal and a tool for their learning in school. Immense research has stressed the need to focus on language for the curricular learning of these students. The tradition of modifying the curriculum for L2-learners has been challenged by Gibbons (2006, 2008), Hammond (2006, 2008), Johnston and Hayes (2008) and Schleppegrell (2008), among others. They argue for an alternative where schooling includes both high challenge and high support for L2-learners.

Johnston and Hayes (2008) argue that in many schools in culturally diverse and disadvantaged areas, a ‘safety zone’ is created by teachers through a combination of a logic of practice and a logic of justification work, which simultaneously restrict the students’ opportunities to achieve high proficiency. By presenting less-challenging curricular content to students from diverse linguistic and cultural backgrounds, teachers actually restrict the quality of the learning environment for these students and their opportunities for school success.
In this article, classroom practices from two classes in Sweden’s primary school, followed in a longitudinal study, are analysed. The general aim of the analysis was to study relations between second language development and subject learning among L2-learners. The focus of this article is on relations between interaction patterns, curricular knowledge and student engagement in the classrooms.

Theoretical basis

The theoretical perspectives of this study are drawn from theories by Vygotsky (1978) and from systemic functional linguistics (SFL); (Halliday 1993, 2004; Halliday and Hasan 1989). Vygotsky argued that language and knowledge develop simultaneously through social interaction. This means that learning is considered social in nature and that knowledge is considered constructed in the interactive process of learning. The well-known Vygotskian theory of Zone of Proximal Development (ZPD) is central in a supportive environment for learning, as is the notion of scaffolding. Students get support that enables their learning and development of language through scaffolding from teachers or individuals who are more proficient. SFL highlights the role of language in learning and provides tools for the analysis of the construction, rather than the transmission, of knowledge. This means that SFL provides tools for analysing the role of language in learning, which is particularly relevant when the learning of second language students in school is analysed. SFL is also concerned with the ways language functions in meaning making in specific contexts, such as classrooms. Central notions in SFL are genre and register.

Research from Australia and the United States has emphasised the importance of development of academic language, the school register, through schooling (Bailey 2008; Gibbons 2006, 2008; Hammond 2006; Scarcella 2003; Schleppegrell 2004, 2008). When children begin school they have developed the types of language that are used in the context of their homes and environment, what may be called everyday language (Gibbons 2006). In school they need to develop language that is used to express knowledge in different school subjects. This language has been described by Cummins (1984, 2000), among others, as cognitively demanding and decontextualised (cognitive academic language proficiency [CALP]). Scarcella (2003) presents the following linguistic school proficiencies: reading reports and reviews, taking notes from lectures, write critiques, summaries, commented bibliographies, reports, case studies, research projects and investigating essays. While ordinary conversation may contain vague choices of words and formulations, academic contexts demand higher levels of correctness and exactness in language use. According to Schleppegrell (2004), academic language is characterised by logical connections, lexical density, grammatical metaphors and coherence. This puts high demands on school education to provide all students with opportunities to develop these competencies. The development of the school register, academic language, should not be seen only as acquiring more language but rather as ‘a functional diversifying, an expansion of the learners communicative repertoire’ (Baynham 1993, 5).

Macken-Horarick (1996) refers to three main domains of language: the everyday, the specialised and the reflexive. The first type, everyday language, is mainly oral and serves pragmatic functions, getting things done. The second one, specialised language, is more like writing and is acquired through schooling. She argues that this language is mainly static and conservative but is a necessary prerequisite for the reflexive domain. Hammond (2006) concludes that students are required to function in these domains as they move through school. She also claims that students should encounter these contexts already in the early years of schooling. This means that children should meet and have opportunities to use both specialised and reflexive languages.
Students’ linguistic development through school may be described as a development from ordinary contexts to university contexts (Schleppegrell 2004) or as going from conversations that involve exchange of objects, here and now, to conversations that involve exchange of information, there and then (Gibbons 2006). The challenge for teachers and schools is to create bridges between everyday language and academic language. For students from other linguistic backgrounds than the monolingual Swedish, who are expected to learn the linguistic base, the everyday Swedish, while they simultaneously are expected to use this language to acquire both the school register, academic Swedish, and curricular knowledge in different school subjects, this is, of course, particularly challenging. The importance of challenging and supportive classrooms have been emphasised by Derewianka (2004), Gibbons (2006, 2008), Hammond (2006, 2008) and Johnston and Hayes (2008), among others. Johnston and Hayes used day-diaries to analyse taken-for-granted classroom practices of classrooms where many students came from linguistically and culturally diverse backgrounds. They found that teachers modified the curriculum in different ways in these classes, claiming that this was necessary in such difficult classrooms. Johnston and Hayes concluded that the teachers practised high control in classrooms, considering both curricular content and learning procedures, while students’ engagement generally was low. This served to create a zone of relative comfort while restricting the quality of the learning environment. Learners were rather spectators than participants and co-producers in the learning process.

The positive outcome of supporting teachers on using highly challenging content by actively scaffolding students, combined with explicit language training through content teaching, has been shown through research in Australia (Derewianka 2004; Gibbons 2006, 2008; Hammond 2006, 2008) and California (Schleppegrell 2008).

Methods and approaches

This study was carried out between 2005 and 2008. Two classes in primary school were followed for three and a half years of schooling, one from preschool to the end of grade 3, which means that the students were between six and 10 years of age, and the other class from standard three to the end of standard six, i.e. students of nine to 13 years of age. As is often the case in Sweden, the students spent the years from preschool to grade 6 in one school, and grades 7–9 in a school that receives students from several schools.

The study has an ethnographic approach, and classroom observations and interviews with students and teachers were carried out during this period. Artefacts, such as written materials, were also collected during the study. The material consists of more than 350 hours of classroom observations and about half of the time has been audio-recorded. All students and the involved teachers have been interviewed every year and the recorded material has been transcribed.

The school was situated in an area with a high rate of socio-economically disadvantaged families and the movement of children in and out of the school has been high. Approximately half of the students are not monolingual in Swedish. In the lower class, altogether 17 students have been in the class during the study, and 13 have followed the class during the whole time of the study. In the higher class, altogether 26 students have been in the class but only 10 have spent grades 3–6 in the class.

The classes

The lower class, here called P-3, has had three teachers during these years. A preschool teacher, Lilian, was their teacher during the preschool year. In grades 1–2, the teacher
was Maria, a teacher for junior level\textsuperscript{1}, and in grade 3 the teacher was a teacher for intermediate level, Anna. Maria was the teacher for the higher class, grades 3–6, when they were in grade 3, and in grades 4–6 they had John, an intermediate-level teacher. Apart from these teachers, there were also special needs teachers and extra resource teachers that joined the class or trained some of the students individually. All the teachers are experienced but none have education in conditions for second language acquisition among children or in the role of language in education, not even the teachers of Swedish as a second language. Some of the multilingual children also had classes once a week in their mother tongue. No mother tongue teacher had teacher training. Apart from the educated teachers, other persons without teacher training served as assistants from time to time in the classes.

**Language and learning in the classrooms**

My general aim at the outset of this study was to study relations between the development of language and knowledge, with a focus on L2-learners. What I found in the classrooms was the talk that was not much connected to curricular knowledge. Instead, focus was mainly on procedures such as what tasks should be done, how they should be done and in what order. What characterised the classroom interaction was chatting and friendly intercourse between teacher and students. Most time in classrooms students worked individually or in small informal groups with different types of tasks. These tasks were commonly related to reading, writing and mathematics and mainly took the form of exercises of discrete skills. In the lower grades this could be drawing lines between numbers, words or pictures or colouring patterns of different work sheets or exercise books. Also, in higher grades most tasks were connected with worksheets and exercise books but also with projects related to science or social science. Generally, the tasks were not cognitively demanding, neither in the lower nor in the higher grades. Reading and writing were usually involved in the tasks but mainly as single words or short sentences. Only the fluent readers spent time to read or write extended texts during my observations. Poor readers generally used the time allocated for reading and writing whole texts to chatting, walking around, changing books, going to the toilet and similar activities.

I will first give four examples of the types of interaction that was predominant in the classroom-interaction in the classes. These examples have been chosen because they are of the types that are most common in the classrooms. One thing that these examples have in common is the lack of clear borders concerning the type of interaction, the topic and the interactants. In the first example from preschool, the teacher is talking about caterpillars that the children keep as a project together with grade 3 students. She walks round the class with jars having caterpillars on a tray. Every jar has a sign with the names of students and the caterpillars. Some parts of the interaction have been omitted, which are marked with (\ldots\). These parts contain inaudible talk where some of the students speak at the same time\textsuperscript{2}. The talk consists of short turns. The teacher demands ‘the floor’ here and there (vet du vad/Now you listen), that is she demands that all children listen, although most of the time she interacts with individual children. The knowledge presented is about caterpillars, that they roll themselves into cocoons, that they have spun and that they shed skin. However, the teacher does not take the opportunity to use specialised language, for example the notions of *cocoon* and *shed skin* instead of net and change skin.\textsuperscript{3} In this example the focus is rather on names of the caterpillars and who they belong to, than on supporting children’s learning about caterpillars.
**Example 1**

L: Ja vet ni vad jag jag tror att jag gör så här att jag sätter namnen utåt och så går jag runt med brickan så ska ni få titta lite

E1: Ja

L: För då tror jag att ni kan se.

T: ’cause then I think you can see

L: Vet du vad sätt dig ner nu då och så tar ni det lugnt vi gör så och så ställer jag den på ja vad heter din då (…) tänk nu på att den står nej så ta det våldigt lugnt de kanske sover nu och vill ha det så skönt men titta i burken här har den börjat och spunnit jättemycket titta

E: Vad är det för nåt?

L: Ja den spinner nåt liksom som den som den e som den ska rulla in sig i sen och så byter den skinn om ett tag eller

E2: Min heter Skuggan

L: Skuggan då ska vi se var vi har Skuggan här är Skuggan den har också spunnit jättemycket ser du det (…) 

E: Vad heter din då?

L: Skall vad heter din Sara

E4: Puttelina

L: Puttelina var det här (skratt)

T: Shadow let's see where we have Shadow here is Shadow it has also spun a lot do you see that (…) 

E4: Det är det jag inte vet

L: Vad heter din då? 

E3: Det är det jag inte vet

L: Skal vad heter din Sara

E4: Puttelina

L: Puttelina var det här (skratt)

E5: Min har vuxit

E6: Titta på (ohörbart)

L: Jaha vad heter din då?

E4: Vad är det där lilla för nåt?

(…)

L: Bara titta

E4: Lilian de rör sig inte

L: Nej de kanske har sovstund nu

E4: Vad är det där lilla för nåt?

(…)

L: Ella Spider

E7: Ella

L: Ella var det så?

E7: Ja

L: Varsågod där och Arin du var också borta under vad din kan heta då vilken fadder har du?

E9: Reza och Aldin

L: Reza och Aldin är det nån som vet vad Reza och Aldin döpte sin till?

E10: Ja, Simson

L: Simson tack tack för det

E9: Simson

T: Yes now you listen we wi I I think I’ll do like this I’ll put the names outswards and then I’ll walk around with the tray so that you can have a look

E1: Yes

T: Now you listen and then you take it easy we do like that and then I put it on yes what’s the name of yours then (…) now remember that it stands no there take it very easy they may be sleeping now and want to have it nice but look in the jar here it has started to spin a lot look

P: What’s that?

E: Now you listen and then you take it easy we do like that and then I put it on yes what’s the name of yours then (…) now remember that it stands no there take it very easy they may be sleeping now and want to have it nice but look in the jar here it has started to spin a lot look

P2: Mine is called Shadow

T: Shadow let’s see where we have Shadow here is Shadow it has also spun a lot do you see that (…) 

(…)

T: Well what's yours called?

P3: That’s the thing I don’t know

T: Shell what’s the name of yours Sara

P4: Puttelina

T: Here we’ve got Puttelina (laugh)

P4: You were the one who gave it the name

T: Here look have they grown anything?

P5: Mine has grown

P6: Look at (inaudible)

T: I see what’s yours called then?

(…)

T: Just look

P4: Lilian they don’t move

T: No they might have sleeping-time now

P4: What’s that tiny thing?

(…)

T: Ella Spider

P7: Ella

T: Ella was that it?

P7: Yes

T: There you are and Arin you were also absent wonder what yours can be called who’s your friend?

P9: Reza and Aldin

T: Reza and Aldin, does anyone know what Reza and Aldin named their?

P10: Yes, Simson

T: Simson thanks thanks for that.
In the next example, the teacher of grade 3, Anna, who had received the class only a few weeks earlier, sits with individual students checking how far they have come in the study kit *Pilen* (the arrow) before she will let them start working with it. Here she sits down with two girls.

**Example 2**

E1: Och här ska jag börja
L: Ha . . . då ska vi se så du har så det här har du inte jobbat nänting av än så länge och här och hur brukar ni göra då tar ni dom i tur och ordning?
E2: Man får ta den här om man vill
E1: Man får ta vicken man vill
L: Så du väljer vilken du vill
E1: Ja men jag och Helen brukar ta så här

L: Det brukar ni
E2: Vi brukar ta så XXX den dära
E1: Faller det är nån som har kanske L1 då kanske vi tar L2
L: Jaha mm det här kan vi . . . väl så när jag tar det in då vet ni vad ni ska göra
E2: Ibland om det är så att man inte fattar då XXX
L: ja då behöver ni bra så då vet ni så då är ni klara att sätta igång
E1+E2: Mm
L: Ja, då e men jag tror inte vi gör det idag för jag har inte rullat in dom här Pilenlädorna som vi har utan då kan det vara lämpligt för dig att du skriver din veckobok idag
E1: Vad ska jag göra då?
L: Då är det handstil för dig
E3: Vänta jag ska göra så här
L: (...) (tittar på en teckning ritad av en elev) Vad gör dom här gubbarna då Abdul Aziz?
E4: M dom gör e pingis
L: Leker dom pingis?
E5: Nej inte pingis men tennis
L: Är det tennis?
E4: Ja tennis
E6: Var ligger gröna lådor?
L: Em va gröna lådor . . . s håller du på med Pilen nu?
E6: Ja
L: Ja, men du skulle inte börja med Pilen vännen utan du skulle skriva skrivstil
E6: Jaha

P1: And this is where I should start
T: I see . . . then we’ll see so you have so this you have not done anything of so far and here and how do you usually do do you take them in order?
P2: You can take this one if you want
P1: You can take whatever you want
T: So you choose the one you want
P1: Yes, but I and Helen we usually take them like this
T: You do
P2: We usually take XXX this one
P1: If someone has got L1 then perhaps we take L2
T: I see mm this we may . . . I suppose so when I take it in then you know what to do.
P2: Sometimes if you don’t understand then XXX
T: Yes then you have to good then you know so then you are ready to start.
P1+P2: Mm
T: Yes, but I don’t think we’ll do it today because I have not rolled these Arrow-boxes in yet that we have so it may be suitable for you to write your weekly book today
P1: And what am I going to do then?
T: Then it’s handwriting for you
(...)
T: M then Fanny you can go and get your binder where you keep your Arrow-work then you and I will look at the Arrow-work.
P3: Wait I’m going to do like this
T: (looks at one of the student’s drawing) What are these fellows doing Abdul Aziz?
P4: They do e ping-pong
T: Do they play ping-pong?
P5: No not ping-pong but tennis
T: Is it tennis?
P4: Yes tennis
P6: Where lie green boxes?
T: Em what green boxes . . . s are you working with Arrow now?
P6: Yes
T: Yes, but you were not supposed to start with Arrow love but you were supposed to do handwriting
P6: I see
This interaction consists mainly of questions and answers. In this case the questions are authentic, that is the students are the knowers, they have got information that the teacher wants. The type of language used is everyday talk with frequent repairs. This study kit Pilen (the arrow) was used throughout the school, from the second term in grade 1 to the end of grade 6, and the importance of this work was emphasised by all teachers. The study kit was claimed, by producers and by teachers, to develop students’ linguistic skills, which in reality was written Swedish. It consisted of cards and worksheets that students were supposed to work through following a fixed order. The exercises were only aimed at training discrete skills out of context, such as putting indefinite article before a noun or joining different halves of sentences to form complete sentences. Reading and writing consisted of single words or short sentences. Writing was mainly copying from the cards. During this work students worked individually except when they were required to play a game. These games had the design of a competition where the one who first reached a certain goal, such as getting five dots, won. Students were not explicitly required to talk during these activities but, of course, they chatted and asked each other about different tasks. The tasks generally did not require cognitively advanced thinking and as the tasks were of a type that rather tested their skills, the students did not get many chances to produce language of their own through these activities.

In the following extract, from grade 3, the teacher is instructing the students for the afternoon’s work when one of the students initiates talk about the thermometer. This example is a case when school knowledge is talked about, the thermometer and relations between temperature and water/ice/snow. In this case a student initiated the topic. Language used to express this is not talked about and as in the first example the teacher used everyday language and did not introduce specialised language, for example in the talk about water and ice in snow. Some technical terms were used but without explaining, and words like melting and freezing for example, that would have been relevant, were not used at all. Questions were of the test-type that are common in schools, which means that the teacher asks questions to test students’ knowledge, not authentic questions as in Example 2. This means that in this case the ‘knower’ was the teacher.

In grades 4–6, students sometimes worked in groups with projects connected to science or social science. The teacher gave them directions, such as questions to answer, but there was usually an opportunity to choose the topic. In the following example, from spring in grade 4, the task is to collect information about one geographical area in Sweden. The following group has chosen to work with the Swedish island Öland. The group consists of three girls and three boys. One of the boys is missing at the beginning of this interaction but joins the group after a while. Generally, those who read the book and write are the girls while the boys lack concentration. The students have divided the work among themselves so that the reader P1 and the writer P3 are the two among them who are most proficient in those activities. The students seem to be unfocused, particularly those who did not read or write, P2 and P4–6. The level of engagement is quite low. As in earlier examples, the talk was of everyday type and consisted mainly of fragments and repairs.

In these four examples from day-to-day classroom life, teachers and students talk around the tasks that students are working with. There is not much focus on the content or the language used to express the content. I will use the tools of SFL, field, tenor and mode to analyse relations between interaction patterns, curriculum knowledge and student engagement.

Mode is about the medium, the language used. What has been recorded is talk, but the talk is often connected with written tasks that involve reading and writing. The type
Example 3

L: Vi har lite rester kvar sen förmiddan... så jag lägger alla kort här
E1: Anna ska man in ska man inte ta upp
E2: Vilken är det XXX
E3: XXX kompis eller vad är det
L: XXX kompis ja ta ut termometern menar du jag la jag la ut den i morse men innan ni kom in i klassrummet så hade solen hunnit lysa på den... så att den visade åtta grader varmt och så varmt är det ju inte ute idag hur kan vi veta att det inte är åtta grader varmt ute idag David?
E4: Det är snö ute
L: Det är snö ute ja hur skulle hur kändes snö nu när vi var ute
E5: Den var
E6: Den var isig
L: Isig hap... em kan det vara åtta grader varmt då
Emma: Det skulle jag Det skulle jag ju
L: Varför det inte ville du säga det Emma?
E: Nej
L: Varför kan det inte vara åtta grader varmt när snö är så isig?
E6: För e... m det måste vara minusgrader om det ska vara is
L: Varför det?
E6: Annars blir det kramsnö
L: Ja och annars vad händer vad är det som sker i snö när det blir kramsnö och inte så där isigt
E6: Den den är den är mycket slask mycket slaskigare
L: M... hur kan det kom vad är det som finns i snö när snö är slaskig
E7: Vatten
L: Och den det vattnet finns ju i snö när snö inte är slaskig också men då är vattnet nätting annat än vatten vad är det so vad är vattnet nätting i snö idag
E8: Is
L: Ja och när det är is i snö och is snö är sådär isig och härd då vet vi ju att då är det minusgrader
T: We have some leftovers from this morning... so I put all cards here
P1: Anna should we no should we not take out
P2: Who is that XXX
P3: XXX pal or what is it
T: XXX pal yes take the thermometer out you mean I put it out this morning but before you arrived in the classroom the sun had already shone on it... so it showed eight degrees warm and that warm it is surely not today how can we know that it's not eight degrees plus outdoors today David?
P4: There's snow outside
T: There's snow outside yes how would how did the snow feel like now when we were out
P5: It was
P6: It was icy
T: Icy I see... em can it be eight degrees warm then
P2: I was going to why I was going to say that
T: Why that did you not want to say that Emma?
P2: No
T: Why can it not be eight degrees warm when the snow is so icy?
E6: Because e... m it has to be minus degrees if there is ice
T: Why is that?
E6: In other case we get wet snow
T: Yes and in other case what happens what is it that happens in snow when we get wet snow and not that icy
P6: It is it is much slush much slusher
T: M... how can it b what is it that is in snow when the snow is slushy
P7: Water
T: And surely the water is in the snow also when the snow when the snow is not slushy but then the water is something else what is it tha what what is the water in the snow today
P8: Ice
T: Yes and when there is ice in the snow and ice the snow is icy like that and stiff then we know that surely it's minus – degrees

of talk is typical for spoken everyday language and is fragmented with frequent repairs and interruptions. Few whole sentences are spoken and there is not much cohesion or coherence, there are few connectors, few subclauses and the words are general and seldom specialised. The occasions where someone holds the floor and expresses a long thought or says something that requires a sequence of sentences are few. Also, the reading and writing consists mainly of single words or short sentences. Teachers do not explicitly move to the specialised and reflexive domains of language.
### Example 4

| E1: Em . . . (läser) högsta höjd XXX 57 XXX m ee största bredden på Öland är cirka 20 . . . kilometer och Ölands största längd är 130 kilometer | P1: Em . . . (reads) the highest point XXX 57 XXX m ee the greatest breadth of Öland is about 20 . . . kilometres and the greatest length of Öland is 130 kilometres |
| E2: Antal invånare | P2: Number of inhabitants |
| E3: Den den största höjden på Öland | P3: The highest point of Öland |
| E4: Em kan inte nån utav oss skriva em frågor (tjut i bakgrunden) | P4: Em can’t one of us write em questions (a howl in the background) |
| E3: Så | P3: So |
| E1: Men det gör vi hela tiden | P1: But that’s what we do all the time |
| E2: M | P2: M |
| E3: N där var det störst höjd | P3: N there it was the highest point |
| E1: Ja em den största höjden är . . . | P1: Yes em the highest point is |
| E3: 57 | P3: 57 |
| E1: Ja 57,4 | P3: Yes 57.4 |
| E3: (skriver) Komma 4 meter över havet | P3: (writes) Dot four metres above the sea level |
| E1: Ja em punkt ö | P1: Yes em dot a |
| E2: Em punkt ö punkt h punkt happ | P2: Em dot a dot s dot well |
| E4: Em antal invånare XXX ja men det där har vi XXX | P4: Em number of inhabitants XXX yes but that we have XXX |
| E5: Kalmar e de e | P5: Kalmar is that is |
| E3: E deras län är Kalm Kalmar | P3: E their county is Kalm Kalmar |
| E1: Öland Ölands län vänst Ölands största län landskap vänta Ölands största län | P1: The county county of Öland wait the greatest county landscape of Öland wait the greatest county of Öland |
| E5: Ja | P5: Yes |
| E3: Nej vänst Ölands län | P3: No wait the county of Öland |
| E1: Ölands län heter Kalmar | P1: The county of Öland is called Kalmar |
| E3: Ja, det blir bra | P3: Yes, that’ll be fine |

Field is used to describe the ‘what’ of the classroom, i.e. what knowledge is expressed through the language. Cummins (2000) and Halliday (1993) describe classroom language as being used to express knowledge about the subject, knowledge about the language and knowledge about being a student, about classroom norms. I find that from the interactions exemplified above, the knowledge that is predominantly expressed in these classrooms is knowledge about norms, as talk is mainly about procedures and orders, such as what task to do, how and in what order. Also whole-class interactions led by teachers are usually instructions. Subject knowledge was seldom talked about. In the talks about the thermometer and caterpillars above and in the group talk where students looked for knowledge about the island Öland, subject knowledge was dealt with but unfocused. Generally, the engagement around subject knowledge was low. Language was seldom talked about. Occasionally, teachers explained words they used but I did not observe teachers talking about other features of language, such as how different types of knowledge are expressed. I seldom saw a teacher referring to other languages mastered by students in the class.

When we turn to tenor, the interaction and the relations and roles of those involved, I would describe the classroom interaction as a friendly intercourse. There were generally few harsh words or expressions and the intercourse was inclusive. New students who came moving in were welcomed and taken care of. In addition, L2-students who came to the
classes and did not master Swedish well were included and both teachers and students helped them to get on. The borders of who took part in the interaction and who did not were quite resilient. In whole-class teaching, teachers frequently addressed individual students and interruptions were frequent in all types of interactions. In the caterpillar talk from preschool, the teacher addressed the whole class while she was simultaneously interacting with individuals. In Examples 2–4, students moved in and out. This was typical in the interaction in the classes. The roles in the classrooms were quite unclear. Teachers claimed leadership, for example during whole-class instructions, while they still ‘gave the floor’ to individual students that took initiatives to interrupt (Wedin 2009). Also, the pattern for who was allowed to interrupt, in what situation and for what reason was unclear. Although there was a warm atmosphere, this is not enough. The unclear borders may constitute a problem for L2-students. The fact that those who claim the floor usually also are given, favours these children at the cost of those who do not. This gives some of the students the role of talker and initiative taker and others the role of listener.

The general impression is that the low focus on curricular knowledge, on language and on knowledge about language denies students necessary opportunities for learning. Johnston and Hayes (2008) describe what happened in their classrooms by using two axes creating four quadrants. The left axis shows teacher control and the bottom axis shows student engagement. The first quadrant A, low control and low engagement, describes when the teacher loses control or when students’ perceptions of what it is all about differ much from the teacher’s perception. The second quadrant B, high control and low engagement, is what they conclude characterises most of the time the classrooms of their study. The teachers in the classrooms claimed to be aiming at the third quadrant C, high control and high engagement. I find that what happened in the classrooms in my case can be fitted into their illustration. In the examples I have shown above, I find quadrant B, high teacher control and low student engagement, is a relevant description of what happens, what Johnston and Hayes call ‘a resilient survival-mode of teaching’ (2006, 116). Teachers organise the work, what should be done, how it should be done and in what order, and as in the case of Johnston and Hayes’ study, the intellectual demands are minimal. Tasks are low demanding and students are not challenged to extend either their thinking or their language. Generally, rules are followed by students but with low enthusiasm. One exception from this pattern was the first term in grade 4.

Entering grade 4 and climbing the school ladder

What happened in grade 4 is related to school structure in the Swedish school system. It is well known that students experience increased demands when they climb the levels of the school system. One such step in Sweden is between grades 3 and 4, between what was formerly junior level and intermediate level and a step that sometimes becomes too high for some students. This class had a female teacher for their first three years in school, a teacher for junior level. She was familiar to them and the atmosphere was friendly. As is common for junior level in Sweden, teaching was very tangible and focus was on basic reading and writing skills. This means that the L2-students who only mastered Swedish at a basic level could usually follow the work (Wedin 2009). When students reach grade 4 it is often the case, as it was for these children, that they get a new teacher for intermediate level and that the demands become higher. This concerns also linguistic demands, which affect particularly L2-students. In this case, there was also a change in interactional patterns. In grades 1–3 the L2-boys had been allowed to ‘take the floor’ and had done so frequently. The teacher had not demanded that they listen quietly but had often accepted their interruptions.
In grade 4 the teacher tried to demand them to listen to instructions. The L2-boys then started to actively show ignorance towards the teacher. We could say that they followed an alternative peer-generated script, which for them ‘became the main business of schooling’ (Johnston and Hayes 2008, 119). Their focus during instructions, and also during what was supposed to be individual work, was rather on creating their own social environment and positioning themselves. This took the form of loud comments to peers, throwing pieces of rubber, paper, pencils and other things, mainly on each other but also on other students in the class. This can be compared to studies by Knapp, Shields, and Turnball (1995) and Johnston and Hayes (2008) where ‘the peer-generated buzz of conversation and physical interaction was the real business of the lesson’ (Jonhston and Hayes 2008, 118). Using the axes by Johnston and Hayes I would describe this first term in grade 4 as mainly in quadrant A, low teacher control and low student engagement.4

Conclusions

The findings from this study resemble the findings by Johnston and Hayes (2008) and Knapp, Shields, and Turnball (1995), who also studied schools with students from predominantly diverse and low-income backgrounds. In all three cases, there are examples of school practices where high teacher control restricts the quality of the learning environment as well as students’ engagement. Johnston and Hayes (2008) argued that the teachers handled perceived problems with ‘difficult classrooms’ by creating a ‘safety zone’ using practices similar to those observed in this study. It has been observed elsewhere that teachers and students in a demanding educational situation construct safety strategies that work to save their faces, such as hiding failure or creating order in classrooms (Hornberger and Chick 2001; Wedin 2004). In this case the choice of the study kit Pilen is consistent with teachers’ teaching strategies. These types of materials keep students occupied and they commonly accept the work and thus it helps teachers to organise classroom work. However, considering the students’ needs, the use of concrete look-and-say methods without tasks involving more abstract thinking and without stimulation for extended language use, such as extended reading and writing, actually denies students any chance of developing what they need in school.

It seems that teachers’ low expectations of these students in combination with the aim that students should succeed in the tasks that are given a constitute a tacit reason why language and cognitive demands are low. It may be that the focus on norms rather than on curricular knowledge is a result of teachers’ perception of the students’ environment, including their homes, as poor and insufficient and that there is a need from the part of the school to discipline the students. I argue that using low-demanding tasks have a self-fulfilling effect as it creates an environment where students’ opportunities to learn are restricted. For those L2-students who do not meet academic knowledge-related language outside school, of the type they will need higher up in the school system, it is necessary not only that they meet it in school but also that they get opportunities to use it themselves. It is crucial that they are involved in interactions using both the specific and the reflexive registers early on in schooling to enable them to meet the demands of later years of schooling. This is also the case for L1-students who do not meet this type of language outside school.

The low engagement caused by low cognitive demands and restricted room for initiatives in these classrooms did not stimulate students to engage in learning that is necessary for school success, particularly for L2-students. Although classrooms are democratic, friendly, caring and inclusive, they may still work to oppress L2-learners and students from poor backgrounds by not offering the linguistic and cognitive challenges needed for school
success. This actually denies them equal chances to develop the types of language and knowledge that they need. As Gibbons argues, ‘The challenge for teachers is to recognise these undemocratic features of hegemonic control, such as taken-for-granted interactional patterns of the classroom, and change them in ways which reposition minority learners’ (2006, 67). Johnston and Hayes (2008) argue that teachers need to develop a new kind of professional practice and negotiate interactive learning that would be positioned in quadrant D in their model, low teacher control and high student engagement. Following Vygotsky’s ZPD, L2-students need to be geared towards their potential, not towards the actual level of their second language. I conclude that a more reflective and critical approach by teachers is needed as to how language is used in their classrooms.

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Notes
1. The Swedish compulsory school consists of nine years, grades 1–9. Traditionally they were divided in three parts, junior level, grades 1–3, intermediate level, grades 4–6 and senior level, grades 7–9. Although this organisation has formally been abolished, the tradition still exists and in this case all teachers had an education according to that system.
2. The transcription does not include full stop. Capital letters are only used to mark the beginning of a turn and names. Inaudible talk is marked XXX. Teacher’s talk is marked T and pupils’ talk is marked P. Talk in somebody else’s turn is shown like this:
   T: Icy I see . . . em can it be eight degrees warm then
   P2: I was going to  why I was going to say that
3. The teacher uses the Swedish byta skinn instead of the more specialised ömsa skinn.
4. The outcome of this was that many students moved from the class. A few moved with their families from the area but the best performing of these L2-boys and many of the L1-students, boys and girls, were taken from the class by their parents and put in other schools. This continued through grade 5 so that out of the 23 students that had been in the class in grade 3, only 10 students were left in grade 6. We can say that in this case teacher control was secured by some parents’ withdrawal of their children from the class.

References


