HOW CHILDREN TALK ABOUT A CONVERSATION

Aslı Özyürek
University of Chicago

How could a child talk about a conversation she heard recently? She could reproduce the conversation verbatim with direct quotations and omit any references to the speaker. Or she could frame the quotations and indicate to the listener who said what to whom. She could also use markers that evaluate the conversational exchange between the two speakers. This study investigates these and other possible ways Turkish child report conversations and how these reports change with age.

Previous studies on children's ability to talk about talk have been conducted by Goodell & Sachs (1992) and Hickmann (1982). They have studied the acquisition of different reporting styles of English by children 4 to 10 years of age. In particular they have investigated the use of a) unframed direct quotations (i.e., "I want to go to the movies.") b) framed direct quotations (i.e., John said, "I want to go to the movies.") c) framed indirect quotations (i.e., John said that he wanted to go to the movies.) and d) paraphrases of the original quote (i.e., John wanted to go to the movies.) Goodell & Sachs found that the use of the framed direct quotations increased linearly with age. However, framed indirect quotations followed a U-shaped function: 6-year olds displayed fewer correct indirect forms than did either 4 or 8-year olds. Hickmann examined the developmental progression of these reporting styles on the basis of discourse organization. The data indicated that the 4-year olds used unframed direct quotations or paraphrases of what they had heard throughout the discourse. In contrast, within the reported discourse 7 and 10-year olds initially used paraphrases but then shifted to the use of framed direct quotations. This shift was strongly demarcated in the reported discourse. Adults integrated framed direct and indirect quotations with paraphrases throughout their reports.

The focus of the above studies was on how children reported individual utterances (i.e., John said,"I want to go to the movies"). This study investigates the use of different reporting styles by children as done previously. In addition, it investigates how children report the interaction between two speakers' utterances in a conversational exchange. Therefore in this study, reporting a pair of utterances ('adjacency pair') uttered by two speakers becomes an important unit (i.e., John said, "Reading a newspaper is a good idea" So Mary asked, "Why don't you go and get a newspaper?"). That is, how does the child organize his reported discourse as exchanges between a speaker and an addressee?

In order to talk about speech events and reorganize information to orient a listener to the relevant properties of a conversational exchange the child needs to acquire and use several linguistic devices. The main linguistic devices for reporting utterances are a framing clause and its constituents. A framing clause (i.e., X said "...") usually consists of a subject in the form of a proper noun or pronoun (i.e., John said, "...") or He said, "..."), a verb of saying (i.e., John said, "...", or John asked, "...") and, a connectivity marker (i.e., "...". But John said "..."). The latter device is important if the frame is in a discourse because it marks explicitly the relationship between two speakers' utterances. The differential usage of these devices might help the child inform a listener about: 1) what was said 2) who said it, and 3) what the interaction was between two speakers' utterances in the conversational exchange. The linguistic devices used to orient listeners will be discussed below with regard to their counterparts in Turkish since they are important in children's mastery of reporting conversations.
1) What was said

The main linguistic devices for reporting what was said are the previously discussed unframed direct quotations, framed direct quotations and framed indirect quotations. The examples given below illustrate the similar reporting styles in Turkish:

**Unframed direct quotation**

(1a) "Film **'de** gidiyorum"
    movic-to go-1st Sg.
    "I am going to the movie"

**Framed direct quotation**

(1b) **John** "Film **'de** gidiyorum" dedi.
    John "movie-to go-1st Sg " said- 3rd Sg.
    John said," I am going to the movie".

As Turkish is a SOV language, the subject (John) of the frame clause is placed before the quoted utterance and the verb (dedi) comes at the end.

**Framed indirect quotation**

(1c) John filme gittigiini söyledi
    John movie-to go-Nom-Poss-Acc told 3rd Sg.
    John told his going to the movie.
    John said that he was going to the movie.

In the form of framed indirect quotation the verb of the quoted utterance takes a nominalization, a possessive suffix and an accusative suffix depending on the sentence. The verb of saying also changes from "dedi" ('said') to "söyledi" ('told').

2) Who said it

To specify who said the utterance and to mark a turn change, proper names may be used as subject markers in the frame clause (i.e., **John** said, "...", **Mary** said, "..."). An example of the use of proper names in Turkish frame clauses is given below:

(2a) **John** "..." dedi.    **Mary** "..." dedi.
    John "..." said-3rd Sg    Mary "..." said-3rd Sg

In Turkish, the use of proper names especially marks the turn shifts because their usage contrasts with other types of frame clause in which the pronoun is inflected in the verb of saying. This indicates that the use of a proper name or pronoun in a frame clause is optional and is used as a discourse marker (2a) vs (2b):

(2b) John "..." dedi.    "..." dedi.
    John "..." said-3rd Sg    "..." said-3rd Sg

3) What the interaction was between two speakers' utterances in the conversational exchange

In reporting conversations, the interaction between the two speakers can be marked
in terms of agreement-disagreement, or question-answer relations. To mark the interaction, non-generic verbs of saying may be used (i.e., Mary asked "...". John agreed) instead of the generic ones (i.e., "say").

Also, temporal and evaluative connectivity markers (i.e., Then John said "..." or However, John answered. "...") in the framing clause serve as markers of interaction. A typical usage of the connectivity markers in Turkish is shown in the example below:

(3a) Mary "..." dedi. Ama John "..." dedi.
Mary "..." said-3rd Sg. But John "..." said-3rd Sg
Mary said,"...". But John said,"...".

In addition, Turkish has a special connective, "dE", that is frequently used in reporting conversations. The closest translation of this connective into English could be "in turn". It is used for pairing of utterances between two speakers when there is a switch in reference. It is placed after the proper name in the framing clause of the second speaker’s quote:

(3b) Bert "Cok siki bir gün" dedi. Ernie de "Evet" dedi
Bert "Very boring a day" said-3rd Sg. Ernie in turn "yes" said-3rdSg
Bert said "It is a very boring day" Ernie, in turn, said,"Yes"

Table 1 gives a summary of the above linguistic devices used for reporting conversations.

Table 1
Summary of Linguistic Devices Used for Reporting Conversations

<table>
<thead>
<tr>
<th>What was said</th>
<th>Unframed Direct Quotations</th>
<th>Framed Direct Quotations</th>
<th>Framed Indirect Quotations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Who said it</td>
<td>The use of Proper Names in the frame clause</td>
<td></td>
<td></td>
</tr>
<tr>
<td>What was the interaction between two speakers’ utterances</td>
<td>Use of non-generic Verbs of Saying</td>
<td>Connectivity Markers</td>
<td>Temporal</td>
</tr>
</tbody>
</table>

Having discussed some of the linguistic devices that might be used to talk about conversations, let us now turn to the study designed to investigate the children's mastery of these reporting styles.

METHOD

Subjects
The subjects were 48 children half of whom were boys. Subjects were distributed, 16 each, into three age groups of median ages 5.2, 9.4, and 13.1. Hereafter their groups are referred to by the numerals 5, 9 and 13. All subjects were monolingual Turkish speakers.
Materials
Each child saw a Sesame Street videotape of a Bert and Ernie dialogue which was one minute in length. The dialogue is reproduced in Table 2 and provided the subjects with the conversation situation.

Table 2
The original version of Bert (Büdü) and Ernie (Edi) dialogue in Turkish:

<table>
<thead>
<tr>
<th>1 Edi</th>
<th>Budu, ne kadar sükçü bir gün degil mi?</th>
<th>2 Büdü</th>
<th>Dogru, haklısın Edi.</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 E</td>
<td>Fazlaşıyla sakin</td>
<td>4 B</td>
<td>Evet, çok tatsız bir gün</td>
</tr>
<tr>
<td>7 E</td>
<td>Hey! Bu harika bir fikir.</td>
<td>8 B</td>
<td>Değil mi?</td>
</tr>
<tr>
<td>9 E</td>
<td>Hadi öyleyse bakkala gidip, bir gazete alıp geliver.</td>
<td>10 B</td>
<td>Olmaaz!</td>
</tr>
<tr>
<td>15 E</td>
<td>Oldu... (English Translation)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| 1 Ernie | Bert, what a boring day isn't it? | 2 Bert | Yes, you're right, Ernie. |
| 3 E     | It's too dull.                     |
| 4 B     | Yes, it is an unpleasant day.      |
| 5 E     | Mmmmm, I'm bored.                  |
| 6 B     | Yes me too. Do you know what I want Ernie? To read a newspaper. |
| 7 E     | Gee! That's a wonderful idea, Bert! |
| 8 B     | Isn't it?                          |
| 9 E     | Then go to the store and, buy a newspaper. |
| 10 B    | No way!                            |
| 11 E    | Why not Bert?                      |
| 12 B    | Because I went the other day. I went also the day before that. |
| 13 E    | That's right. You have been going all the time. |
| 14 B    | That's why, you will go to the store today, Ernie. It's now your turn to buy the newspaper. |
| 15 E    | O.K. ......                        |

Instructions
Each child was tested individually. The child was told that she would see a Bert and Ernie movie. Her task was to tell "what happened in the movie" to a friend who was waiting outside. The child saw the videotape twice. Then the friend entered the room and the child was told to tell what happened in the movie. The retelling was audio taped.
RESULTS

The results are organized into two main parts. In the first part, the data analysis of children's reports is presented according to age. In this part the results of the analysis are discussed in terms of the linguistic devices used by children to inform their listener about a) what was said, b) who said it, and c) what the interaction was between two speakers' utterances. In the second part, the representative reports by children from each age group are presented to indicate how children talked about conversations.

1) What was said

The mean proportions of sentences with unframed direct quotations, framed direct quotations and, framed indirect quotations in three age groups are given in Table 3.

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Unframed Direct Quotations</th>
<th>Framed Direct Quotations</th>
<th>Framed Indirect Quotations</th>
<th>Total Number of Quotations</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>.52</td>
<td>.49</td>
<td>0</td>
<td>243</td>
</tr>
<tr>
<td>9</td>
<td>.07</td>
<td>.89</td>
<td>.04</td>
<td>247</td>
</tr>
<tr>
<td>13</td>
<td>.09</td>
<td>.58</td>
<td>.35</td>
<td>218</td>
</tr>
</tbody>
</table>

Table 3 reveals the reporting style favored by each age group. Five-year olds used proportionately more unframed direct quotations than either of the two older groups. Framed direct quotations were used mostly by 9-year olds. Lastly, 13-year olds favored framed indirect quotations more than the other groups in their reports. Some of the framed direct quotations used by 9-year olds seem to be replaced by indirect quotes in 13 year olds' reports.

2) Who said it

The mean proportion of turn changes marked by the speakers' proper names (i.e., Bert said "...". Ernie said "...") is given below.

<table>
<thead>
<tr>
<th>Age Groups</th>
<th>Proportion of Turns with Speaker Names According to Age</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Turns with speaker names</td>
</tr>
<tr>
<td>5</td>
<td>.03</td>
</tr>
<tr>
<td>9</td>
<td>.74</td>
</tr>
<tr>
<td>13</td>
<td>.71</td>
</tr>
</tbody>
</table>

The table shows that 5-year olds rarely marked the turn changes with speaker names in the frame clause. That is, children in this age group did not indicate to their listeners who said what. Whereas 9- and 13- year olds marked turn changes using speaker names very frequently in their reports.
3) **What the interaction was between two speakers' utterances**

Figure 1 illustrates each age group's preference for verbs of saying to mark the interaction in the conversational exchange. The mean proportions were calculated for the generic verbs of saying (dedi 'said' and soyledi 'told') and also the non generic ones like (ask, agree, etc.).

**PROPORTION of TURNS with different VERBS**

of SAYING

![Bar chart showing proportions of turns with different verbs of saying across different age groups.](chart)

**GROUP**

- OTHER VERBS of SAYING
- VERB "dedi" (say)

**Figure 1**: The mean proportions of turns with the generic and the non generic verbs of saying according to age group

As shown in Figure 1, 5-year olds used only the generic verbs of saying. That is, they did not mark the interaction. Nine-year olds included a small proportion (.05) of non-generic verbs in their reports. However, they used fewer non-generic verbs than the 13-year olds (.14), who marked the interaction in the conversational exchange more than the other two groups.

Table 5 lays out the mean proportions of different connectivity markers (temporal, Turkish connective 'de', and evaluative) used in the frame clauses to mark the conversational exchange in different age groups.

**Table 5**

Proportion of Turns with Different Connectivity Markers

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Turns with temporal markers</th>
<th>Turns with &quot;de&quot;</th>
<th>Turns with evaluative marker</th>
<th>Total number turns</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>.16</td>
<td>.10</td>
<td>0</td>
<td>149</td>
</tr>
<tr>
<td>9</td>
<td>.20</td>
<td>.40</td>
<td>.05</td>
<td>178</td>
</tr>
<tr>
<td>13</td>
<td>.15</td>
<td>.38</td>
<td>.13</td>
<td>167</td>
</tr>
</tbody>
</table>
Table 5 shows that all the age groups used the temporal marker in almost equal proportions. However, the special Turkish connective 'de' was favored by 9- and 13-year olds more than by the 5-year olds. That is, these two groups marked the turn changes for the listeners consistently. Lastly, the evaluative markers (so, but etc.) were favored by the 13-year olds most. This allowed the oldest group to interpret the conversational exchange in terms of agreement-disagreement, or antecedent-consequence relations. Therefore the mean proportion of different connectivity markers reveal that there is a developmental increase in children's reports with regard to the use of the Turkish connective 'de' and the evaluative markers.

**Representative retellings by age**

The representative retellings by children from each age groups are presented to summarize the characteristics of each group's reporting style.

**Five-year olds**

Children in this age group used primarily unframed direct quotations to report the conversational situation. Note that this style of reporting does not mark the turn changes or the relationship between the two speakers' utterances. A representative example is as follows: (the turns are marked by double slash)

Example (Ayse, 5.2 years old)

(4) "Canım çok sıkılıyor." // "Benim de." // "Gazete okumak isterim". 
// "Bay Z'nin dükkanından gazete al" // "Niciin?" // "Cünkü hep ben allyorum." // "Ertesi gün de ben almıstım" // "Ondan önceki gün de ben almıstim" // "Aaa dogru".

*Literal Translation*

"I'm bored." // "Me, too." // "I want to read a newspaper." // "Get a newspaper from Mr. Z's store." // "Why?" // "Because I buy it all the time." // "I bought it the other day." // "I bought the day before that, too." // "That's right."

**Nine-year olds**

In contrast to the 5-year olds, the 9-year olds typically framed the quotations ( Edi "Cok hareketsiz bir gün" dedi, trans. Ernie said, "This is a boring day") and marked turns by using proper names in the frame clauses. They also used a specific connectivity marker that is unique to Turkish, ("de", trans., 'in turn') to mark the turn changes.

Example ( Cem, 9.5 years)

**Literal Translation**

Ernie said, "This is a boring day". Bert said, "Yes, you are right". Bert said, "To read a newspaper is a good idea". Ernie in turn said, "Yes, that's right". He said, "This is a wonderful idea". He said, "Bert, would you go and get a newspaper from the store?" Bert in turn said, "No way!" He said, "Because, I went the other day and the day before that". He said, "Now it is your turn to go". Ernie in turn said, "Yes, it is my turn to go."

**Thirteen-year olds**

In contrast, the 13-year olds used primarily framed indirect quotations (i.e., Ernie günün çok sıklık olduğunu söyledi, trans., Ernie said that it was a boring day). They used a great variety of evaluative connectivity markers in the frames and non-generic verbs of saying. Therefore children in this group in addition to marking turn changes for the listener evaluated and marked the conversational exchange in terms of agreement-disagreement, antecedent-consequence or question-answer relations.

**Example (Murat, 13.1 years)**


**Literal translation**

Ernie said that it was a very boring day. Bert agreed with him. Then Bert said that he wanted to read a newspaper. So, Ernie told him to go to Mr. Z's store and buy a newspaper. But, Bert said that he was not going to do it because he bought the newspaper yesterday and the day before that. Then he asked Ernie to get the newspaper. Ernie said, "O.K."

**DISCUSSION**

The results indicate that there is a developmental change in children's ability to orient their listeners to different properties of a conversation. Different ways of talking about conversations might reflect child's different stages of social-communicative development in a narrative situation. That is, the linguistic devices discussed above may help the child to establish different 'roles' and 'voices' in a narrative situation. The respective notions of 'participant role' and authorial voice' in discourse have been developed by Goffman (1981), Hanks (1990) and Bakhtin (Voloshinov, 1973), respectively. These notions might provide us a framework for further analysis of children's reports of conversations in terms of their social-communicative development.

The distinction between the conversation situation and the narration situation is important. (See Figure 2). The figure displays speech event #1 as the conversation situation when the child (Sema) watches the conversation between Bert and Ernie (speaker and
addressee). Speech event #2, is the narration situation when the child Sema narrates the conversation to a listener (Mehmet). Therefore a narration situation between a narrator (Sema) and a listener (Mehmet) transposes a conversation situation between two speakers (Bert and Ernie) from the conversation situation's time and place to that of the narration. Linguistic devices enable the differentiation of child's (Sema) 'role as a narrator' and, her 'authorial voice' in the narration situation as distinct from the 'roles' and 'voices' of the speakers (Bert and Ernie) in the conversation situation.

Five-year-olds merely reproduce the speech of others without any differentiation as to the narrator role (Sema) in the narrative situation from that of the speakers' roles (Bert and Ernie) in the conversation situation. This lack of differentiation of roles make it difficult for the listener (Mehmet) to know who said what. As the child becomes aware of the need to orient the listener she (Sema) begins to assume the narrator role and also differentiate between Bert and Ernie's roles in the reported conversation for the listener. Nine-year olds can express narrator role by framing the speakers' utterances and marking turn changes. Once the two speakers' roles (Bert and Ernie) are differentiated the interaction between them may now be marked. That is, the next developmental shift is one that moves from reporting of other's speech to involvement of the self as an author, as an interpreter of what was said. Here the child evaluates Bert and Ernie's utterances and the interaction between them using indirect reported speech, evaluative connectivity markers and non-generic verbs of saying. At this point, 13 year old narrator, Sema can express her attitude, authorial voice towards Bert's and Ernie's utterances and the relationship between them for the listener. She gradually becomes both the narrator and the author of the reported conversation in the narrative situation. Therefore the way children talk about conversations reflects their stages of being a social actor with language.
Figure 2: Conversation and narration situations
Acknowledgments

Versions of this paper have been presented as MA thesis for the Department of Psychology, University of Chicago and also Stanford Child Language Research Forum, 1994. I am grateful to Tom Trabasso, William Hanks and David McNeill for their ideas, comments and criticism of the data and the thesis presented here. I would also like to thank Esra Ozyurek and Konuralp Pamukcu for helping me to collect the presented data in Istanbul, Turkey. I am grateful to Dan Goldstein for his support and comments and Nedim Nomer for the inspiration of the ideas for this study. Lastly, I would like to thank 48 Turkish children who provided me with their valuable narratives.

REFERENCES


