Table 2

Means and standard deviations of participants’ elaboration time (in seconds; total across both multimedia instructions) by type of presentation and learning setting, with and without snapshots.

<table>
<thead>
<tr>
<th>Learning Setting</th>
<th>Static Without</th>
<th>Static With</th>
<th>Animated Without</th>
<th>Animated With</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>M</td>
<td>SD</td>
<td>M</td>
<td>SD</td>
</tr>
<tr>
<td>Individual</td>
<td>184.53</td>
<td>129.62</td>
<td>231.05</td>
<td>94.92</td>
</tr>
<tr>
<td>Collaborative</td>
<td>557.22</td>
<td>350.83</td>
<td>685.00</td>
<td>310.90</td>
</tr>
</tbody>
</table>
Figure Captions

*Figure 1.* Screenshot of the display during the pause after the seventh sequence of the astronomical animation in condition with snapshots.

*Figure 2.* Screenshot of the display during the pause after the eleventh sequence of the geological animation in a condition without snapshots.
FIGURE 1

Snapshots of previous sequences

Key frame of the last sequence

Snapshots of next sequences (inaccessible)

Enlarged snapshot

Note: The key picture of previous sequences could be accessed by moving the mouse over the corresponding snapshot during the pauses between two sequences.
FIGURE 2

Note: The presentation could not be controlled, nor could be viewed a second time. A prompt appeared during pauses to encourage participants to “figure out what has happened in the last sequence”. A button was provided to run the next sequence.