**Lesson Event Log Fields (Columns)**

| **Variable** | **Col.** | **Description** |
| --- | --- | --- |
| Event Number | A | Sequential number identifying the event within a lesson |
| Year | B | Student year group (e.g. 10) |
| Student or Teacher ID | C | Student ID within a class; Teachers have unique IDs |
| Name | D | Used to aid data collection and cleaning |
| Monitoring flag | E | Y(es), P(artial), N(o), A(bsent) [[1]](#footnote-1) |
| Activity Code | F | 1 to 17 for students, 1 to 15 for teacher; -1 indicates that the last event (or set of events) was an error and should be deleted; -2 indicates a seating change |
| Time | G | Time of event (start of new activity) |
| Date | H | Today’s date |
| Lesson Subject | I | Text field taken from lesson drop-down list |
| Range of interaction | J | Applies to student activity 3 only: 0, 1, 2, or 3 depending on interaction ‘distance’ |
| ClickCount | K | Sequential counter used to aid data cleaning |
| RightClick flag | L | FALSE means this event was recorded via a double-click, which indicates a transitory activity and the person went back into the previous activity after 2 seconds; TRUE means the person started a new activity. |
| *Last Activity Code* | *M* | *Empty field calculated automatically during processing* |
| Paired flag | N | FALSE means student acted alone; TRUE means the student was interacting with someone else (although this may not have been recorded in the next column). |
| *Current Elapsed Seconds* | *O* | *Empty field calculated automatically during processing [[2]](#footnote-2)* |
| WhoWith | P | The other students who were involved in this event |
| Lesson ID | Q | Automatically constructed identifier for this lesson |
| *…* |  | *… a series of blank fields used later during data processing* |
| NextEventTime |  | Time of next event (needed for visualization and simulation control) |
| Seat |  | New seat identifier (reseating event (-2) only) [[3]](#footnote-3) |
| Class |  | Class identifier |

1. Sometimes a student chosen for monitoring did not arrive, or arrived late or left early – hence monitoring codes A and P; also, some non-monitored students are partially observed because people being observed interact with them. [↑](#footnote-ref-1)
2. This calculated field has been left in to make investigating the data easier. [↑](#footnote-ref-2)
3. This field was not used in the case study. [↑](#footnote-ref-3)