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| OBSERVER: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ DATE/TIME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ GROUP ID: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

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| **Group size and brief identifying description of one or more members**  *e.g. 5 people; father in red shirt with daughter in yellow dress* | | | | **How many group members appear to fall in each age range?**  *Record as either numbers (e.g. 3) or tallies (e.g. III) in the boxes below* | | | |
| **Under 10** | | | **10-14 (target)** |
| **15-18** | | | **Over 18** |
| **Start Approach Time** *(e.g. 4:15)* | **Start Isolated Manipulation Time** *(i.e. begins to move blocks)* | | **Start Investigative Manipulation Time** *(i.e. begins to connect blocks methodically)* | | | **End Time** | |
| **I observed the group…** *(check one or multiple)* | | | | | | | |
| **Seeking Knowledge** *(i.e. asking questions related to the experience and/or expressing confusion)* | | **Sharing Knowledge** *(i.e. voicing observations about what is happening on the table and/or offering explanations about how the system works)* | | | **Applying Knowledge** *(i.e. planning/directing action, proposing solutions to problems, making aesthetic decisions, and/or relating the experience to prior knowledge)* | | |
| **The group’s interactions were mostly:** *(check the box you agree with most for each row)* | | | | | | | |
| **Independent** *(i.e. No one in the group is working collaboratively)* | | | | **Collaborative** *(i.e. At least two members of the group are collaborating (i.e. actively working towards a constructive, shared goal)* | | | |
| **Active/Passive** *(i.e. some members in the group have taken on an active role and some members in the group take on a passive role)* | | | | **Equal Partners** *(i.e. no one in the group has taken on an active role or everyone has taken on an active role)* | | | |
| **Did the group experience any discord? If so what appeared to cause it?** *Discord = a social conflict such as a disagreement, an interruption, or a disturbance to others’ play - a break in the harmony.* | | | | | | | |
| **Did the group exhibit any positive emotional reactions to the exhibit/experience? If so, what appeared to cause them?** | | | | | | | |
| **Did the group exhibit any negative emotional reactions to the exhibit/experience? If so, what appeared to cause them?** | | | | | | | |
| **What (if any) aspects of the experience caused people to experience frustration or failure?** *Focus on the events surrounding moments when individuals exhibited frustration, vocalized disappointment or negative self-efficacy, failed to accomplish a goal, gave up on a task, or decided to leave the table.* | | | | | | | |
| **What (if any) aspects of the experience caused people to experience “breakthroughs” or successes?** *Focus on the events surrounding moments when an individual or group seems to “get it” or have a breakthrough in terms of their understanding of the exhibit and related concepts.* | | | | | | | |
| **Other Notes:** *(consider jotting down notable moments/quotes of inquiry, emotional expression, social conflict/collaboration, and/or intellectual engagement)* | | | | | | | |