

OBSERVER: _____

DATE/TIME: _____

GROUP ID: _____

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*)

