CONJECTURE	EMBODIMENT	MEDIATING PROCESSES	INTENDED OUTCOMES
ALL STUDENTS WHO USE AND VIEW GITHUB COPILOT AS A COLLABORATOR ARE BETTER, MORE CONFIDENT CODERS	**TOOLS AND MATERIALS** GITHUB COPILOT INTEGRATED WITHIN RSTUDIO ON PROVIDED LAPTOP AND COMPUTER **TASK STRUCTURES** TIMED CODING PROBLEMS **PARTICIPANT STRUCTURES** COLLABORATIVE PROBLEM SOLVING PAIR PROGRAMMING **DISCURSIVE PRACTICES** ANSWERING QUESTIONS THINKING ALOUD REVIEWING CODE AND GIVING ADVICE	**OBSERVABLE INTERACTIONS** KEYLOGGING DATA AUDIO-VIDEO RECORDING CAPTIONED TRANSCRIPTS **PARTICIPANT ARTIFACTS** SURVEY RESPONSES AUDIO TRANSCRIPTS SUBMITTED CODE	STUDENTS WRITE SHORTER MORE LITERATE CODE WITH CONCISE COMMENTS STUDENTS SPEAK OUT THEIR THOUGHTS WITH LESS QUESTIONING STUDENTS' CODED OBJECTS ARE CORRECT AND CONTAIN AN EASY-TO-UNDERSTAND NAMES ATRIBUTE STUDENTS FEEL CONFIDENT AS CODERS STUDENTS STRONGLY UNDERSTAND THE PROBLEM AND THE PROCESS TO TACKLE IT STUDENTS TYPE LESS OVERALL AND MORE BACKSPACE KEYSTROKES SPECIFICALLY STUDENTS FEEL MORE LIKE CODE EDITORS, FIXING ERRORS, MAKING SENSE OF THE CODE AND ALIGNING SOLUTIONS WITH THE PROBLEM STUDENTS FEELS LIKE THEY HAVE MORE POWER AND AUTHORITY AS CODERS, LESS QUIET WITH THEIR IDEAS AND CHOICES STUDENTS QUICKLY COMPLETE THE TIMED ASSIGNMENT STUDENTS VISUAL FOCUS IS ON THE SCREEN AND THE CODE, WITH LESS LOOKING AWAY