

Habit Youth Protocol - Year 1

Updated by AF on 5/1/2023

Screening via Qualtrics

- MR eligibility**
- CBCL** – Child Behavior Checklist (age 10)
- YSR** – Youth Self-Report (age 10-17)

Behavioral Visit - \$65 + potential \$10 bonus**Total Visit Time: ~3-3.5 hours**

- Consent** (~10-15 min)
- Simulator**(10-15 min)
- Pre-Test Questionnaire** (2 min)
- Eye-tracking Tasks:**
 - Anti-Saccade Rings** (10 min)
 - VGS** (3 min)
 - MGS** (5 min)
 - Eye Battery Run Sheet** (1 min)
- RIST** - Reynolds Intellectual Screening Test (20 min)
- Slips Task** (20 min)
- Habit Task** (5-6 min)
- Millisec** (20-30 min):
 - Stop Signal Task** (10 min)
 - Four Choice Reaction Time Task** (3 min)
 - Tower of London V2 Task** (10 min)
 - Delay Discounting Task** (5-6 min, 110 questions)
 - Probabilistic Reversal Learning Task (1 Block)** (10 min/block)
- Daw Sequential Learning Task** (15-20 min)
- Surveys via Qualtrics** (~60 min):
 - RT-18** (5 min)
 - UPPS-P** - Impulsive Behavior Scale (5 min)
 - Smartphone Addiction: SAS SV** (5 min)
 - Risk Perception (ONLY 12+)** (5 min)
 - **Unprotected Sex Question (ONLY 14+)**
 - Drug Use Questionnaire (ONLY 12+)** (5 min)
 - Petersen-Puberty** (5 min)
 - Tanner-Puberty** (5 min)
- Surveys for parent to fill out:**
 - Address Update** (2 min)
 - Demographics** (10 min)
- STRAIN Survey** (20 min)

fMRI Visit - \$100

Total visit time: 2.5 hours

- Pre-Scan Questionnaire
- fMRI Tasks:
 - Rest
 - Habit Task
 - Dollar Reward (2 run-throughs)
 - Rest
- Post-Scan Questionnaire

EEG Visit - \$75 + \$25 bonus for completion of all study visits

Total visit time: 2 hours

- Pre-Scan Questionnaire
- EEG Tasks:
 - Calibration
 - Habit Task
 - VGS
 - Dollar Reward (2 run-throughs)
 - Auditory Steady State
 - Rest
- Post-Scan Questionnaire