

























PERSONALITY TRAIT TEST

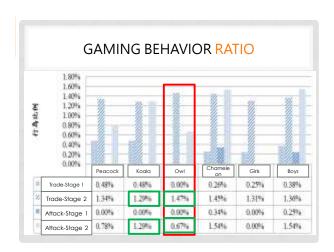
- PERSONAL DYNAMETRIC PROFILE
- 4 Peacocks, 2 Koala, 2 Owls, 9 Chameleon, 0 Tiger

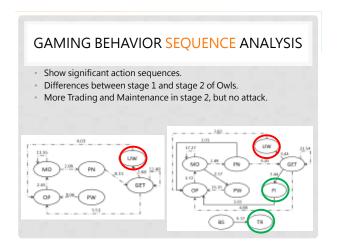
Game Session	Player A	Player B	Player C	Player D
814-M-01	Peacock	Chameleon	Koala	Chameleon
814-M-02	Peacock	Chameleon	Owl	Owl
814-A-01	Peacock	Chameleon	Chameleon	Koala
814-A-02	Peacock	Chameleon	Owl	Peacock
815-M-01	Owl	Chameleon	Chameleon	Chameleon
815-M-02	Peacock	Chameleon	Koala	Chameleon
815-A-01	Peacock	Chameleon	Chameleon	Chameleon
815-A-02	Chameleon	Chameleon	Owl	Koala

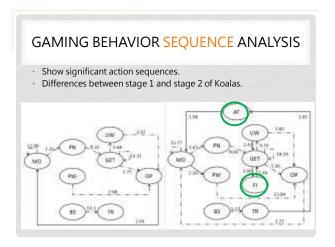
GAMING BEHAVIORS ANALYSIS CODES

- 10 Gaming Behaviors
 - Movement-MO, Attack-AT
 - Inbound (no spice)-PW, Inbound (with spice)-PN
 - Upgrade weapon-UW, Maintenance-Fl
 - Get Spices-GET, Back to Start-BS
 - Outbound-OP, Trade-TR
- 6071 Behavior data from 16 games
- · Categorize the data into two stages:
 - Stage 1: Obtain spices from ports self-owned.
 - Stage 2: Obtain spices from ports of others by trade or battle.

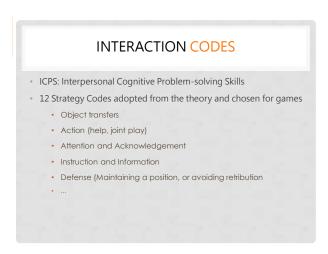
GAMING BEHAVIOR FREQUENCY ANALYSIS • To understand gaming behaviors specifically in different student groups. Codes Stage 1 Stage 2 Maintenance-FI 0 (0.00%) 2 (0.98%) Trade-TR 0 (0.00%) 11 (5.39%) Back to Start -BS 6 (7.14%) 3 (1.47%) Get Spice-GET 40 (47.62%) 109 (53.43%) Inbound (W)-PW 5 (5.95%) 15 (7.35%) Inbound (N)-PN 13 (15.48%) 22 (10.78%) Outbound-OP 19 (22.62%) 35 (17.16%) Upgrade Weapon-UW 2 (0.98%) 1 (1.19%) Attack-AT 0 (0.00%) 5 (2.45%)

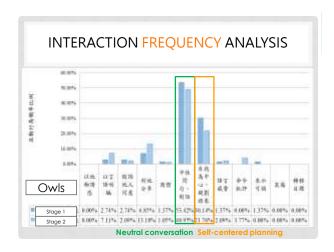


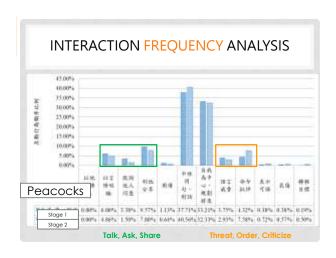


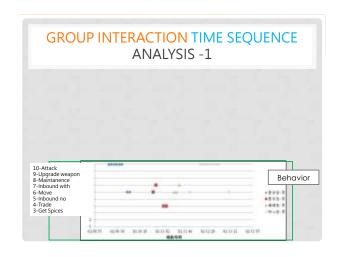


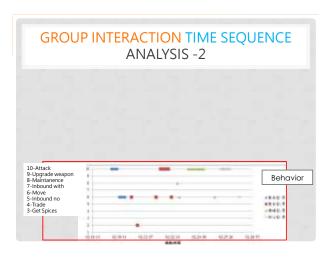
GAMING STRATEGIES ANALYSIS What happened? Gaming Behavior Frequency Counts Ratio of Actions Sequence Analysis Why did it happen? Gaming Strategies Personality Traits Human Interactions (Oral communication)

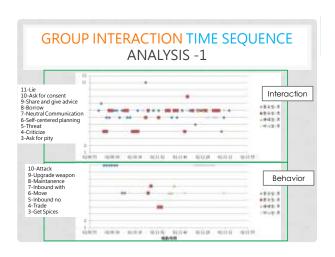


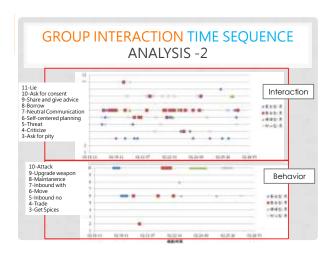




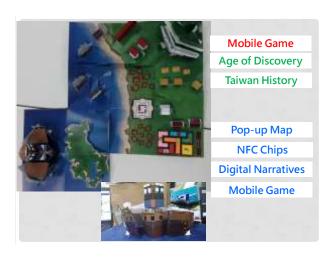














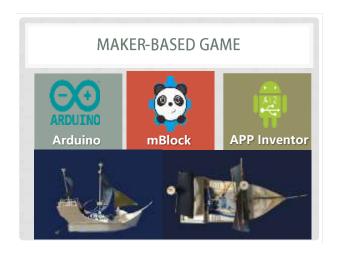


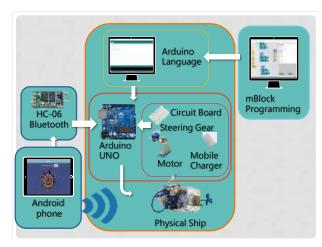














STEM TO STEAM PLUS MAKER
= INTERDISCIPLINES

• S: Science • C: Culture
• T: Technology • H: Humanities
• E: Engineering • A: Adventure Ed.
• A: Arts • R: Reading
• M: Math • M: Maker

Doing one thing that requires knowledge and skills from various subjects.

