## **Score Calculation**

Based on the Organiser's plan, the study on the data collected from the eTournament and participants' feedback, the scores of this eTournament are calculated according to the mechanism detailed below, for the highest possible degree of fairness for all active participants.

## **Most Valued Players (MVPs)**

The MVPs are determined by the total number of questions answered correctly by a participant in Stage 2.

## **Team Score**

The final score of a team is determined by:

Team's Stage 1 Score

PLUS (+)

## **Team's Stage 2 Score**

 Average of individual scores attained by all valid team members in Stage 2

MINUS (-)

Any penalties imposed

A team's **Stage 1 Score** is based on the length of the discussions the team posted in the entire eTournament, with the following weightings for each of the 4 main discussion topics. Bonuses are awarded for those posts containing diagram(s) for explaining ideas.

- "Who is on the team?" 20%
- "Who is the team leader?" 20%
- "How shall we work together?" 30%
- "Stage 2 Strategies" 30%

For the **Stage 2 Score**, the individual scores of the team members are first determined. Each individual score is mainly based on the number of land tiles the team member possessed at the end of Stage 2. If a team member upgraded his/her land tiles to a higher level and/or placed monsters on the land tiles, they are converted at specific rates and counted as land tiles. The number of questions answered correctly is also factored into the individual score. Moreover, bonuses will be awarded to the individual score of eligible team members:

- Holders of "SDG Question Creator" badges (those participated in the SDG Questions Creation Contest in 2018): Ordinary Badge 2%; Bronze Badge 5%; Silver Badge 7%; Gold badge 10%
- Participants who completed <u>both</u> the Pre- and Post-eTournament Questionnaires: 3%

The team's Stage 2 Score is then determined by calculating the average from the individual scores. Only the individual scores of valid (active) team members are counted. A team member is regarded as active if he/she attempted at least 20% of the average number of questions attempted by a Stage 2 participant in that stage. Based on the fact that each participant attempted 142 questions on average, those team members who attempted less than 28 questions in total in Stage 2 ( $142 \times 20\%$ ) are regarded as inactive and have been disqualified.

Score multipliers are applied to the teams' Stage 2 Scores due to variations in team sizes. Since the resulting team sizes range from 1 to 5 students, additional multipliers have been devised as follows:

Team size (only active participants are counted)	1 student	2 students	3 students	4 students	5 students
Score multiplier	2	1.5	1.2	1.1	1