**CH 14 Topics**

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| Landfills |
| Hazardous waste |
| Composting |
| 3 R’s of waste disposal |
| Incinerators |
| Recycling |
| Waste disposal in developing countries |
| Waste Stream |
| Ocean Dumping |
| Bioremediation |
| Super Fund |
| Open Dumping |
| Brownfields |

**Directions**

The point of the game is to review the material from BiSc 003 CH 14 and in this instance of the game, build some learning relationships (which is the topic from this week’s lifelong learning segment). This same framework will be used on the last day of class to review and integrate the strategies and topics covered in the LL ED course.

The Students are in pairs – Odd number? Each round one student sits out as the dice roller and earns 10 points. Each student gets 100 points to start the game and add or subtract points based on correct/incorrect answers. Students get a playing card (like in Yahtzee) to keep track of their points earned/lost in each round. They also get a card that contains all the strategies we covered. They’ll use this listing from which to pull answers - like a giant matching game. Every topic/strategy/lifelong learning category that we covered in class is on the card…They match the question/scenario given to the proper answer. Each question has 2 rounds – an individual round (worth more points) and a round with a chance to discuss with their partner and check their notes (worth fewer points)

**Round 1**- A dice is rolled to determine the odds (if a 6 is rolled, the points possible for a correct answer are 60). You put the question up on ppt. Students have to decide whether to answer or not - In Round one they risk losing 10 points for a wrong answer. You reveal the question and start the countdown clock (<http://www.online-stopwatch.com/>). If they decide to go for it, they write their answer on the answer sheet in the Round 1 row for that question along with points possible.

Do not reveal the right answer yet

**Round 2a** (Same question) – How confident are you???? Stay or GO! If they decide to stay with their answer – they highlight it with a pink marker – If GO (want to change it) – highlight yellow - No going back! Only the Round 2 answer will count for points.

**Round 2b** - For those who didn't answer in Round 1, or if they chose GO and want to change their answers, they can use their notes/book to try to answer or ask their partner. They get a little longer on the stop watch... They place their answers on Round 2 of the answer sheet for that question... then you reveal the correct answer... and they calculate their points won/lost for that round. Round 2 is only 10 points (lost or gained) because they didn't "know" the answer...

Between each round, person on left side of the pair stands with their game paper and moves back one seat so that for each round the pairs are different.

Rounds continue until time runs out – totals are calculated and winners announced next class!

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Game Card

**Q/Round Points +/- Answer**

|  |  |  |
| --- | --- | --- |
| Q1  Round A - |  |  |
| Q1  Round B - 10 points |  |  |
| Q2  Round A |  |  |
| Q2  Round B - 10 points |  |  |
| Q3  Round A |  |  |
| Q3 Round B- 10 points |  |  |
| Q4  Round A |  |  |
| Q4  Round B - 10 points |  |  |
| Q5  Round A |  |  |
| Q5 Round B  - 10 points |  |  |
| Q6  Round A |  |  |
| Q6  Round B- 10 points |  |  |
| Q7  Round A |  |  |
| Q7 Round B- 10 points |  |  |
| Q8  Round A |  |  |
| Q8  Round B- 10 points |  |  |
| Q9  Round A |  |  |
| Q9 Round B- 10 points |  |  |
| Q10  Round A |  |  |
| Q10 Round B- 10 points |  |  |
| Q11  Round A |  |  |
| Q11 Round B- 10 points |  |  |
| Q12  Round A |  |  |
| Q12  Round B - 10 points |  |  |
| **Q/ROUND** | **Points +/-** | **Answer** |
| Q13  Round A |  |  |
| Q13 Round B- 10 points |  |  |
| Q14  Round A |  |  |
| Q14 Round B- 10 points |  |  |
| Q15  Round A |  |  |
| Q15 Round B- 10 points |  |  |
| Q16  Round A |  |  |
| Q16 Round B- 10 points |  |  |
| Q17  Round A |  |  |
| Q17 Round B- 10 points |  |  |
| Q18  Round A |  |  |
| Q18 Round B- 10 points |  |  |
| Q19  Round A |  |  |
| Q19 Round B  - 10 points |  |  |
| Q20  Round A |  |  |
| Q20 Round B- 10 points |  |  |
| Q21  Round A |  |  |
| Q21 Round B  - 10 points |  |  |
| Q22  Round A |  |  |
| Q22 Round B- 10 points |  |  |
| TOTAL + |  | Add up your total points won |
| Add | **100** | **Starting Points** |
| Subtotal |  |  |
| - Total lost |  | Subtract total points lost |
| **GRAND TOTAL** |  |  |