Articles- PHYSICAL SYSTEMS

Directions: Each student at your table will be given a different article to read. You will read your article and answer the questions on your worksheet. Then you will group up with someone else who has your same article. You will answer the questions from your group discussion. Then you will go back to your table and share your article with your table. Each student at the table will have a different article and a different worksheet.

TOWER POWER– Sept. 23, 2019 pgs. 14-19

1. In what country do people build human towers?

2. Who is on top of the tower?

3. What are these towers called?

4. What is the goal of the competitions?

5. Describe the three main parts of the castell:

    a. Base

    b. Trunk

    c. Crown

6. How do the people in the base share the load?

7. Define *center of mass*:

8. How long does it take to build and dismantle a castell?

9. Why do castellers wear a black sash?

10. What happens when a casteller falls?

EXPERT GROUP

Directions: You will find 2-3 other people that have your same article (yellow paper). As a group, you will discuss what you read and answer the following questions.

1. Describe the importance of sharing the load.

2. Describe how castellers keep the castell balanced.

TABLE GROUPS

Directions: Each person at your table read a different article. They will be asking you these questions. Be prepared to answer.
1. What is a castell?
2. What is the purpose of a castell?
3. Describe the process of building a castell.

The table below has questions for you to ask the people at your table about the articles that they read. Ask them the questions and write down their answers.

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Yo-Yo Wizards:
1. Describe how to make a yo-yo "sleep."

2. Describe how to "wake" the yo-yo back up.

3. Describe what a modern yo-yo is made of?

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The Dark Side of Light:
1. How do bats see at night? Explain this phenomenon.

2. Why is our brighter world creating problems for the bats?

3. Why are bats beneficial?

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Are You Being Watched?:
1. How does facial recognition work?

2. How is facial recognition being used?

3. What are pros and cons of facial recognition?

    Pros-

    Cons-

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CLASS DISCUSSION

These articles are a review of science concepts. Discuss the science concepts from these articles. What were they and how do they apply to the articles?