Date: _____ Name: _____

CGC1P – Unit 3 Lesson 1

Mathis Wackernagel Video Questions

1. What is an ecological footprint? _____

2. If we divide the planet's ecological capacity by the number of people, how many hectares should each person get? _____

3. What is the ecological capacity of the Earth used for? _____

4. How big is the ecological footprint of the average American? _____

5. How many planets would we need for everyone to live like an American? _____

6. Every year we use more resources than nature can replenish. By what percent do we exceed nature's ability to replenish? _____

7. Overall we are running an "ecological debt". What do you think this means? _____

8. How can ecological footprint calculations help us to fix our ecological debt and "balance our books"? _____

9. Where is a huge part of our resources spent? _____

10. In cities, what can we monitor using the ecological footprint? _____

11. We can monitor our success in decreasing our ecological footprint at ***four*** different levels. What are they? _____

12. Cities have a hard time being sustainable. Why is Paris an example of this? _____

13. What is the "big challenge"? _____