**Crosscutting Concepts in Science and Engineering NGSS Appendix G**

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| 1. Patterns | 2. Cause and effect | 3. Scale, proportion, and quantity | 4. Systems and system models |
| 5. Energy and matter: Flows, cycles, and conservation | 6. Structure and function | 7. Stability and change | Using one sentence, how would you describe to someone what the *crosscutting concepts* are? |