

NAME:

PERIOD:

DATE:

NATURE OF SCIENCE

PATTERNS CLASSWORK 1

WORD BANK

physical

crystals

trusses

temporal

feedback-controlled

ions

pattern

FILL IN THE BLANK: Use the word bank words. Once each.

1. A(n) _____ is an atom that has gained or lost electrons. They form tiny physical patterns.
2. _____ patterns are events or processes that repeat over a period of time.
3. A structural pattern of repeated triangles are called _____.
4. A solid substance with a regular repeating pattern of atoms or ions are _____.
5. _____ systems have an output that acts as an input to regulate how the system works.
6. Any set of identifiable, repeating characteristics is a(n) _____.
7. A _____ pattern has objects or shapes that repeat in a certain way.

MATCHING: Match the example with the type of pattern it is.

- | | |
|--|---------------------|
| 8. _____ moon phases | P. physical pattern |
| 9. _____ trusses in a bridge | T. temporal pattern |
| 10. _____ the parts of atoms | |
| 11. _____ the seasons (winter, spring, etc.) | |
| 12. _____ wallpaper | |
| 13. _____ ocean tides | |
| 14. _____ birds migrating south | |
| 15. _____ a parquet floor | |
| 16. _____ sunrise/sunset | |
| 17. _____ polka dots | |
| 18. _____ a rainbow | |

