ISPS Science Standards K – 12
(updated January 2009)

Grades / Standards	Pre K	K2	1	2	3	4	5	6	7	8	Phys Sci	Bio	Chem	Phy	Env Sci
Earth and Space Sciences															
1. Atmospheric processes and the water cycle															
2. Earth's composition and structure															
3. The composition and structure of the Universe and the Earth's place in it.															
Life Sciences															
4. The principles of heredity and related concepts.															
5. Structure and function of cells and organisms.															
6. Relationships among organisms and their physical environment.															
7. Biological evolution and the diversity of life.															
Materials and their Properties															
8. Classifying materials															
9. Chemically changing materials															
10. Patterns of behaviour															
Physical Processes															
11. The sources and properties of energy.															
12. Forces and motion.															
13. Electricity and magnetism.															
14. The structure and properties of waves															
Nature of Science															
15. Ideas and evidence in science															
16. Investigative skills															