# Voyage to Mars
# and the Kansas State Standards
# in Science, Math and Reading

| | Science as Inquiry- abilities to do scientific inquiry, be able to demonstrate how scientific inquiry is applies, and develop understandings about scientific inquiry | Physical Science- develop an understanding of physical science | Life Science explore and understand structure and function in living systems, | Earth and Space- explore and develop an understanding o the structure of the earth system, earth's history, and earth in the solar system | Science and Technology- technological design and understandings about science and technology | Science in Personal and Environmental perspectives- explore issues of personal health, population, resources and environment, and natural hazards. | History and Nature of Science- examine and develop an understanding of science as a historical human endeavor | | Numbers and Computation- numerical and computational concepts and procedures in a variety of situation | Algebra- algebraic concepts and procedures in a variety of situation | Geometry- geometric concepts and procedures in a variety of situations | Data- concepts and procedures of data analysis in a variety of situations | | Reading: The student reads and comprehends text across the curriculum | Literature: The student responds to a variety of text |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Navigating a space craft | * | | | * | * | | * | | * | * | * | * | | * | * |
| Spacesuit Design | | | | * | * | * | | | | | | * | | | |
| Mars Geologic Mapping | * | | | * | | | * | | | | * | * | | | |
| Mission Meals | * | | | * | | | * | | | | | * | | | |
| Hydroponics | * | | | * | * | * | * | | | | | * | | | |
| Searching for Signs of Life | * | | * | * | | | * | | | | | * | | | |
| Acids and Bases | * | | | | | * | | | * | | | * | | | |
| X & Y Coordinates | | | | | | | | | * | * | | * | | | |
| Latitude and Longitude | | | | | | | | | * | | | * | | | |
| Chromatography | * | | * | | * | | * | | * | | * | | | | |
| Electromagnetic Spectrum | * | * | | | * | * | * | | | | * | * | | | |
| Reading Equipment with Scales | * | | | | * | * | * | | * | * | | * | | | |
| Average Temperature | * | | | | * | * | * | | * | | | * | | | |
| Pulse and Blood Pressure | | | * | | * | * | * | | * | | | * | | | |
| Mission Survival | | | | * | | | * | | | | | * | | * | * |
| Communication | | | | | | | | | * | | | * | | * | * |
| Mission Patch | | | | | | | | | | | | | | * | * |
| Press Conference | | | | | | | | | | | | | | * | * |