

141 MacLeod Avenue Hinton, Alberta T7V 1T6 (780) 865-2628

Course Name: Science 4

Teacher : Rachel Hendricks, Deanna Cederstrand

Program Rationale and Philosophy:

* Students will show independence and the ability to work with others in exploratory activities and, with the guidance, a beginning level of independence in investigating questions and problems. Students should be able to recognize the purpose of most steps followed in investigating questions and problems

Learner Outcomes: Students are expected to:

* Investigate the nature of things, demonstrating purposeful action that leads to inferences supported by observations
* Identify patterns and order in objects and events studied; and record observations, using pictures, words and charts, with guidance in the construction of charts; and make predictions and generalizations, based on observations

Course Content:

* Waste and Our World September – October
* Wheels and Levers November - December
* Light and Shadows January - February
* Building Vehicles that Move March - April
* Plant Growth and Changes May - June

Resources:

* Edmonton Public Schools – Science resource manuals
* Manuel d’évaluation en Sciences 4
* 3V conferences, Bill Nye resources
* Library materials – Hinton Library
* Internet, Local experts

Assessment and Evaluation:

* Formative - Observations, Student Conferencing, Checklists, Anecdotal Records
* Summative assessments – multiple choice and short answers
* Performance Assessments/ Project based learning
* Pamphlets, posters, videos, Slideshows, etc.