

Project Design Checklist

Our exploration:

- ☐ Relates to a research question
- ☐ Leads to interesting new knowledge about the world
- ☐ Requires the collection of data and information
- ☐ May lead to a hypothesis that can be tested through an experiment or data collection

Notes:

Our investigation:

- ☐ Specifies the data or information we need and how we will get it
- ☐ Plans the investigation process
- ☐ Describes relevant scientific inquiry investigation practices, including:
 - ☐ Internet searching
 - ☐ Data collection
 - ☐ Measuring
 - ☐ Observing
 - ☐ Drawing
 - ☐ Recording
 - ☐ Identification and manipulation of variables
- ☐ Identifies and locates necessary materials, sites, and resources
- ☐ Includes scheduled tasks and responsibilities

Notes:

Our interpretation:

- ☐ Organizes and labels data
- ☐ Uses visual displays to interpret data
- ☐ Analyzes patterns
- ☐ Identifies trends
- ☐ Makes predictions
- ☐ Draws conclusions
- ☐ Connects causes and effects

Notes:

Our presentation:

- ☐ Takes a point of view on the topic
- ☐ Addresses the audience's concerns
- ☐ Describes our methods
- ☐ Explains our findings clearly and concisely
- ☐ Uses scientific language accurately and appropriately
- ☐ Considers constructive feedback

Notes: