

Design a North Star Finder – Empathize
and Define – Questions to Ask.

Technology and the Skilled Trades
Grades 9 and 10

Star Finder Research

1. Why is a star finder useful?
2. What stars and constellations are currently in your night sky?
3. What are some reasons other than navigation that a star finder might be helpful?
4. Who would benefit from using a star finder?
5. Has anyone else made a similar product?
6. What is unique or surprising about existing star-finders?

7. What are three features in an existing star-finder that you would find useful in your own design?
8. What are three flaws or design choices that exist in a star-finder that you want to avoid?
9. Go to sdgs.un.org/goals and look at the 17 Sustainable Development Goals. What are 1-2 goals that apply to making a star-finder?
10. Of those goals, what are 3-5 targets that apply to the star-finder?
11. Go to <https://www.rcaanc-cirnac.gc.ca/eng/1524494530110/1557511412801> and look at the 94 Calls to Truth and Reconciliation. Which, if any, might apply to our star-finder project?