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| **Tuesday, September 22** | | |
| **Learning Goal:**   * I can **use scientific and research skills** to investigate local water issues. | **Task**   * **Observe**: These videos highlight some of the challenges and possible solutions to maintaining clean and accessible drinking water. * **Think:** What are some of the ways that you can conserve water in your home? School? * **Design & Build:** Using found materials or 3D modeling software like [Tinkercad](https://www.tinkercad.com/) or [SketchUp for Schools](https://www.sketchup.com/products/sketchup-for-schools) design and build a model that reduces the use of water in a community (e.g school) * **Reflect:** Share your work with a peer/adult and try to convince them why it is important to adopt your method. What feedback did you receive from them? | **Video 1: The Story of Water**    <https://www.youtube.com/watch?v=Se12y9hSOM0&feature=youtu.be>  **Video 2: Build a Water Collection System**    <https://www.youtube.com/watch?v=iFUsi3wIr4k> |
| **Thursday, September 24** | | |
| **Learning Goal:**   * I can **use a variety of media (images, text, sound, video)** to communicate what I know about ecosystems. | **Task**   * **Research:** Using the City of Toronto e-book, [*Mammals of Toronto*](https://www.toronto.ca/wp-content/uploads/2017/08/9718-Biodiversity-MammalsBook-Division-Planning-And-Development-part1.pdf) find out everything you can about a local animal (e.g. racoon). * **Design:** Use Google Slides, PowerPoint or pencil and paper to create an infographic or poster that communicates the role healthy ecosystems play in the survival of your animal. * **Reflect:** What information about the animal do you think is most important for people to know. Using social media platforms like Twitter or Instagram, create awareness by writing 1-2 sentences that clearly communicate your thoughts | **Mammals of Toronto**  Video: <https://www.toronto.ca/wp-content/uploads/2017/08/9718-Biodiversity-MammalsBook-Division-Planning-And-Development-part1.pdf> |