

School-Age 2 Lesson Plans

Teacher can reference additional activity instructions (wire basket on white cabinet)

Moving Into Recycling

Theme for April 2021

1. **Architects** (design and draw our dream homes)
(Language, Literacy and Numeracy, Arts and Culture, Global Learning,
Media and Technology, STEM, Environmental learning)

Using the Ipad, students can research with a teacher different architectural work from around the world. Lists of desired amenities for their dream home can be created and drawings will be developed (floor plans or elevations). Goal: architectural design awareness – creative designing
(FINISH UP FROM MARCH)

2. **Engineering** (wood working area - take apart area)
(STEM, Social Emotional Development/Character Education, Environmental Learning)

Students bring in old electronics and are allowed to explore, safely with friends or individually, the inner workings of the equipment. Tools will be provided for this "take-apart" process. Students will then explore how internal parts can be reused or recycled to save on landfill space.
Goal: problem solving – computer and electronic exploration
(FINISH UP FROM MARCH)

3. **Cardboard Box Construction** (collecting all our boxes and constructing a fort)
(Language, Literacy and Numeracy, Social Emotional Development/Character Education,
Arts and Culture, STEM, Environmental Learning)

Students bring in recycled boxes and are allowed to explore, safely with friends or individually, the construction of a classroom fort/playspace. Structure will be shared with the younger 4K students in the block area.
Goal: design and structural problem solving – group collaboration

4. **Plastic Bottle Project** (Using recycled plastic bottles to create a flower pot)
(Language, Literacy and Numeracy, STEM, Arts and Culture, Service Learning)

Students can decorate their own recycled milk container, plant flower seeds and then donate their project to a local elderly home for a Spring decoration. Students can record the growth of their flowers and compare with other students' data.
Goal: artistic exploration – scientific data collection