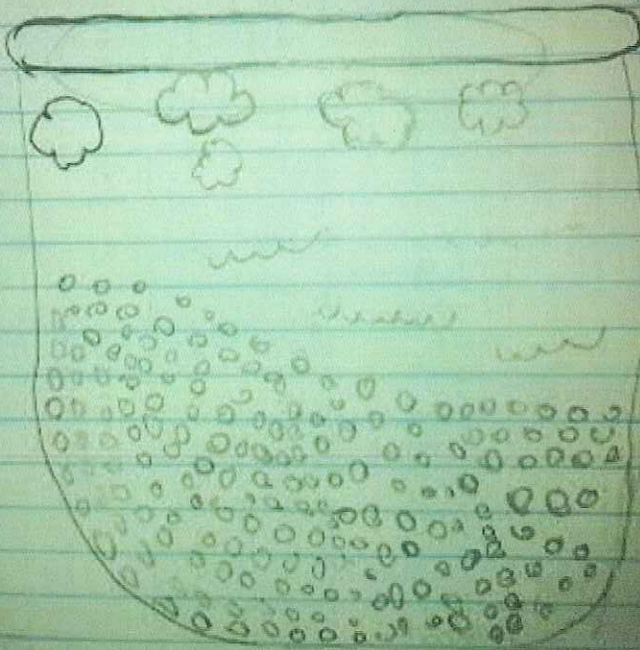


2:40 pm

9.2.14

Soil

- 45% minerals
- 25% air
- 5% organic matter*
- 25% water - H₂O



* anything living or once living

Scale: 1 square =

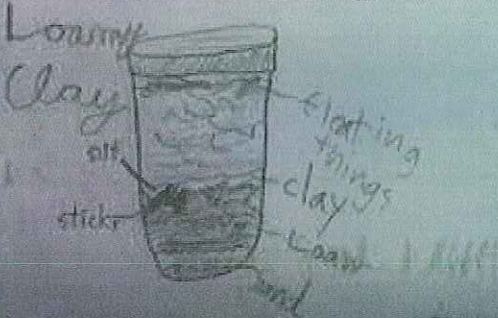
9/9/14 2:00

Soil Particle Size

Noah's soil particle size

1. Put 1 cup soil into glass mason jar.
2. Add water to 24 ozs. line on jar.
3. Screw lid tightly onto jar.
4. Shake vigorously for 1 minute.
5. Label jar with your name.
6. Let sit for 24 hours.

Draw diagram of layers below:



9/9/14 2:00

Soil Texture

Try soil texture

1. Grab a fist full of soil.
2. Add drops of water until the soil clumps in your hand when you squeeze it.

Results

(Circle one)

- Soil falls apart with water = SAND
- Soil makes sticky ball = LOAM OR CLAY
- Soil ball can be flattened and doesn't fall apart = CLAY
- Soil ball falls apart when flattened = LOAM

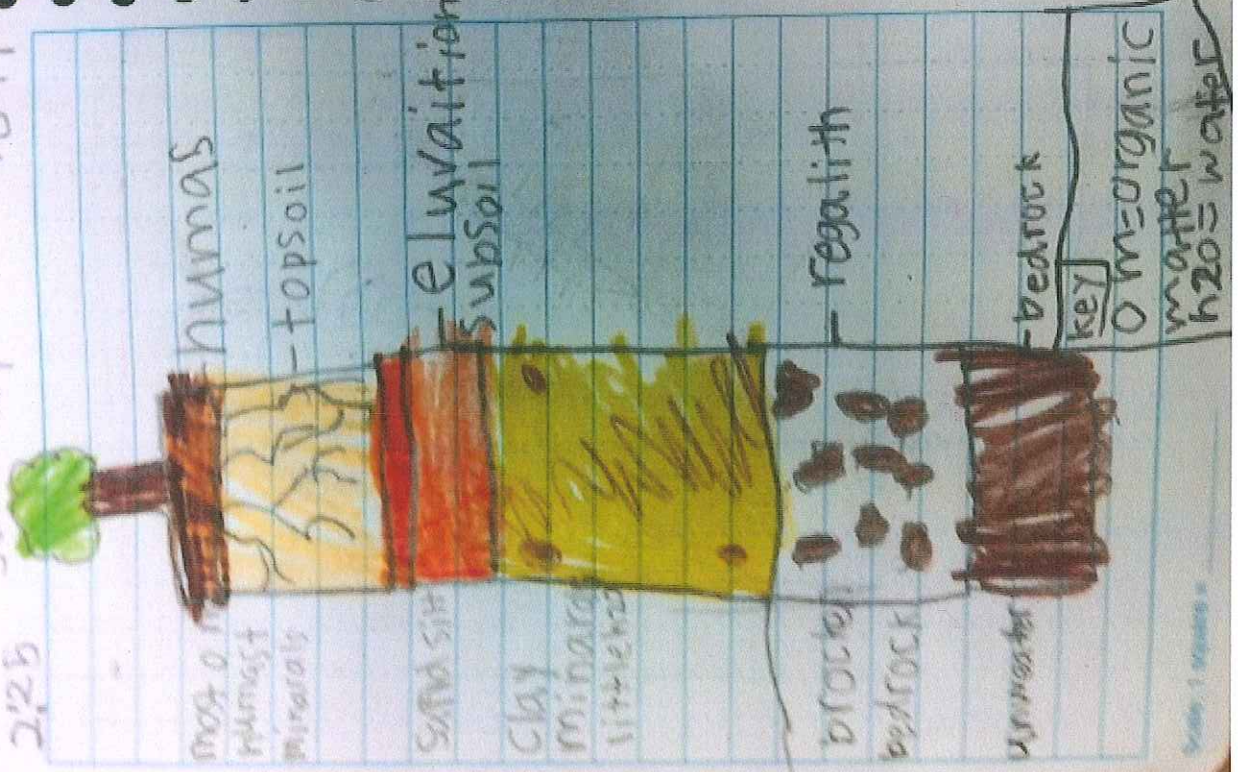
3. Put a teaspoon of soil in your palm.
4. Add water and rub together.

Results

(Circle one)

- Feels gritty = SANDY SOIL
- Feels very smooth and slippery = SILT
- Feels smooth = CLAY
- Doesn't feel really gritty OR smooth = LOAM

2.25 soil layers 9.8.14



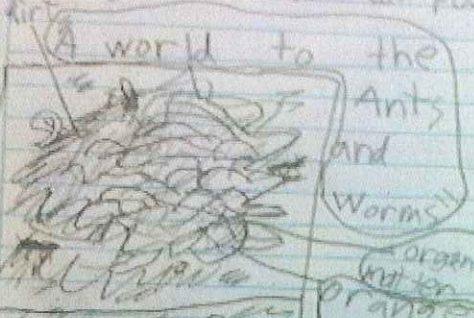
Compost sample

9/3/11

- ant
- maggot
- roots
- shells
- dirt
- insect
- centipede
- earth worm
- fly
- tiny rocks
- peice of a orange sticker
- sand
- leaves
- mold
- mushrooms

2:00 PM 9/3/14

Organic matter = compost



organic matter orange rind

rocks minerals

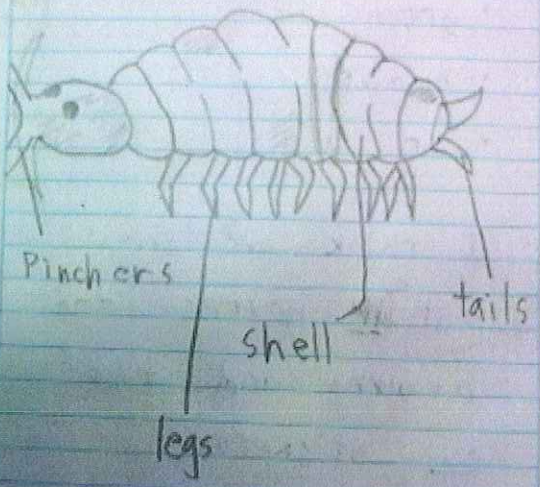
close up him we named Bob

Scale 1 square =

2:30 9/4/14

Decomposers

secondary



Pinchers

shell

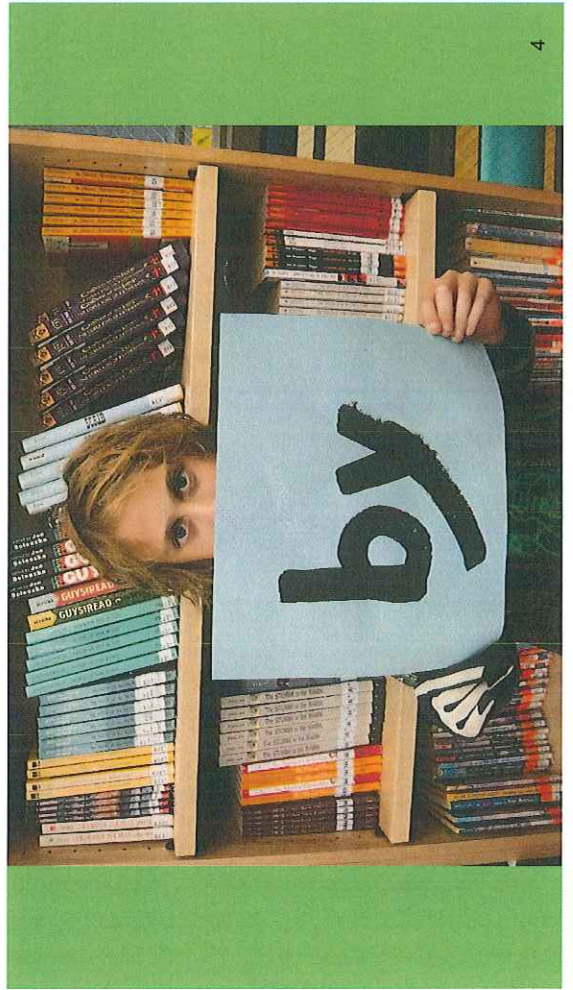
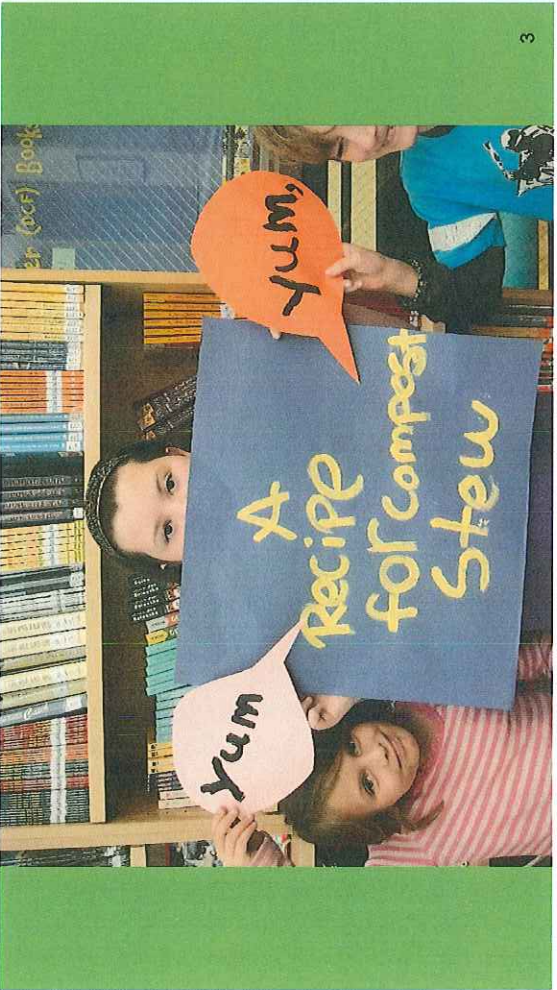
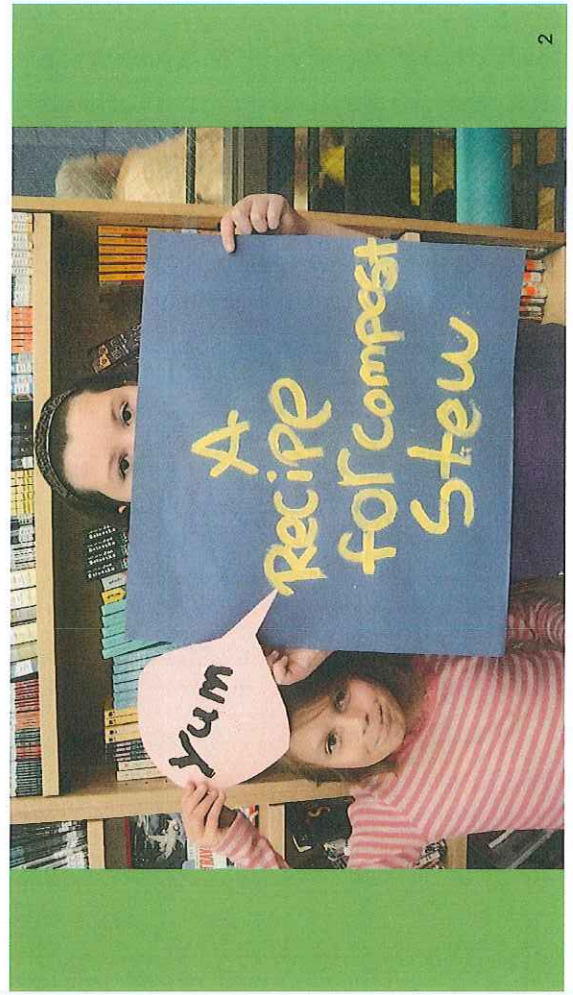
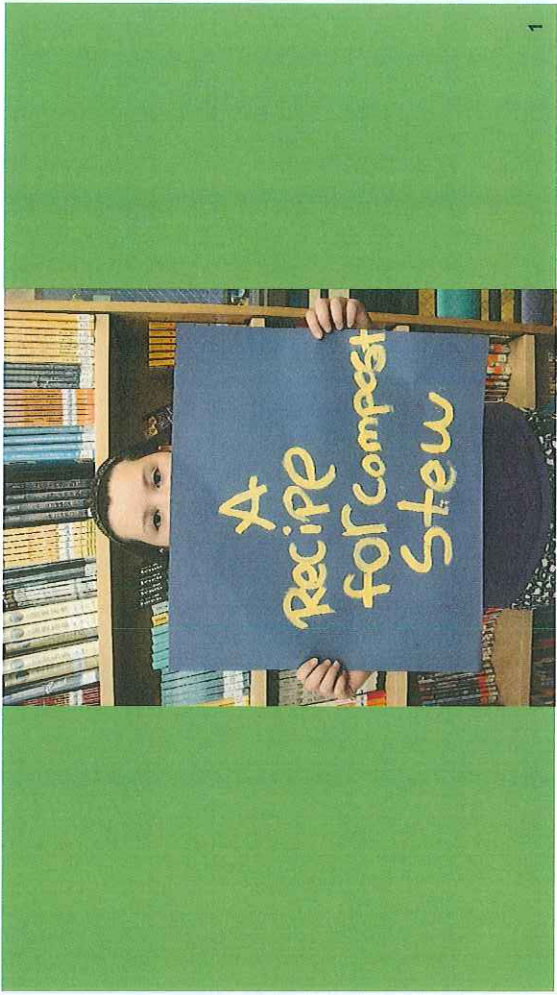
legs

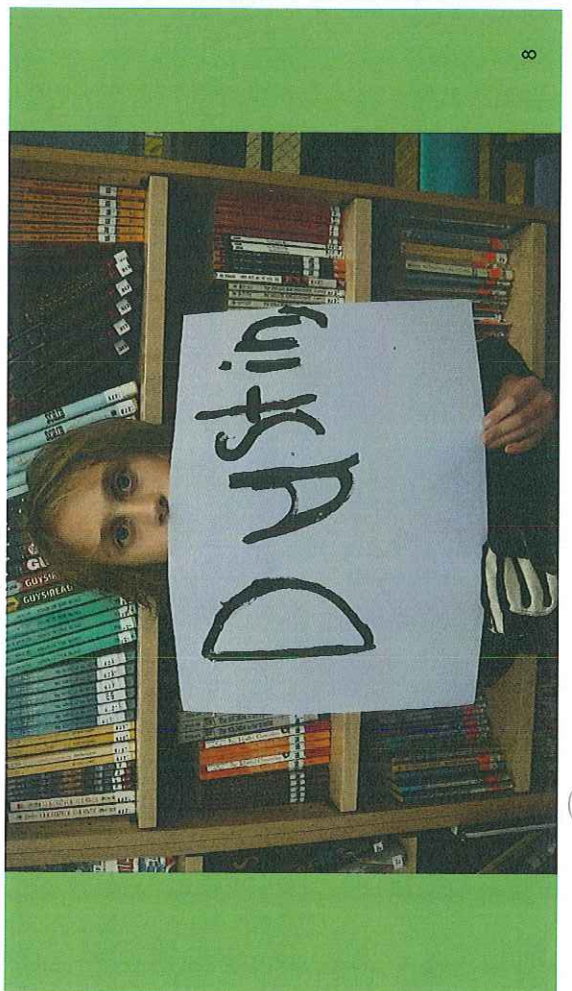
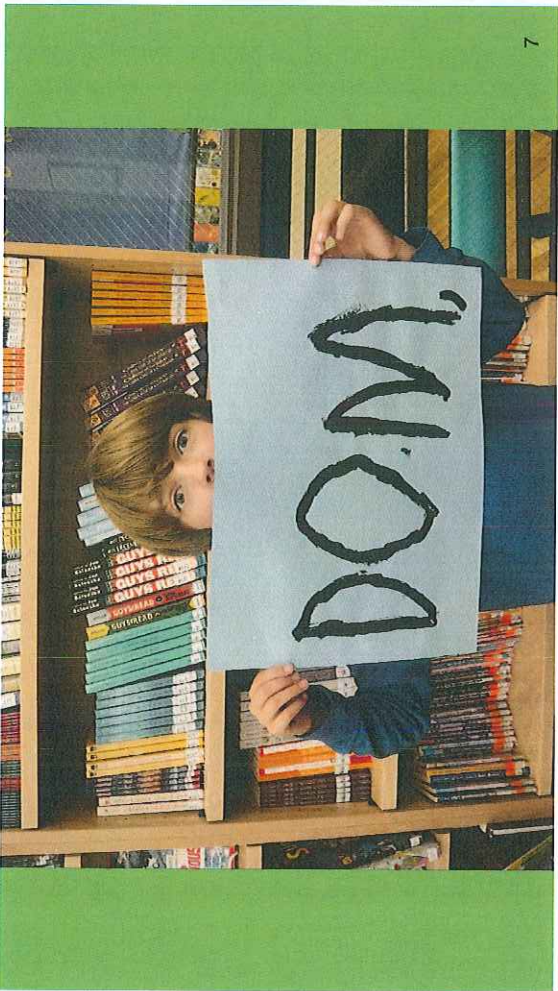
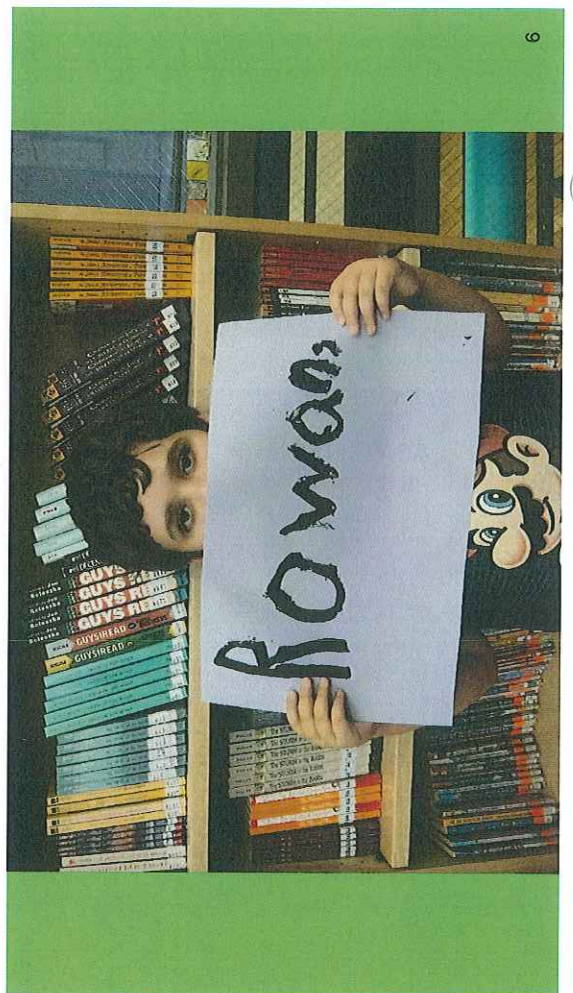
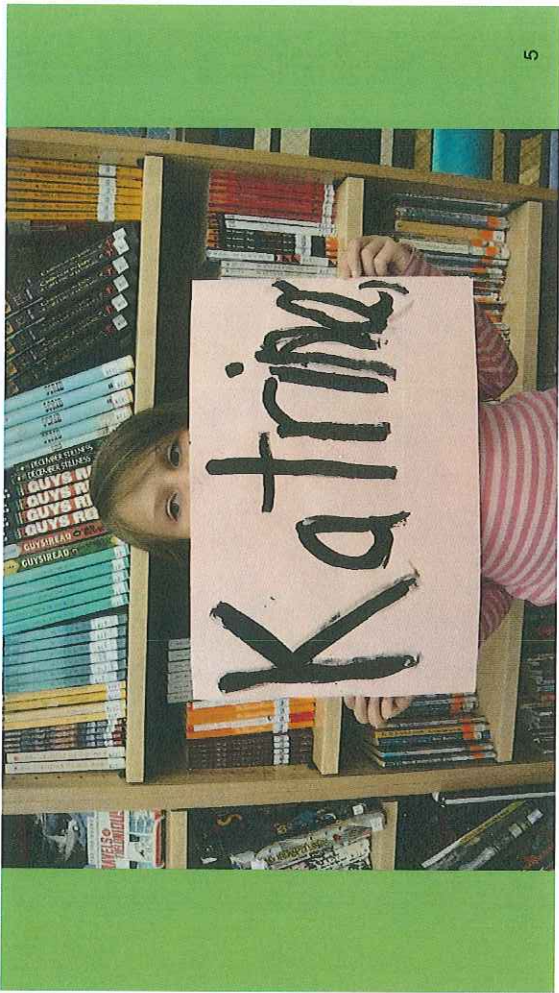
tails

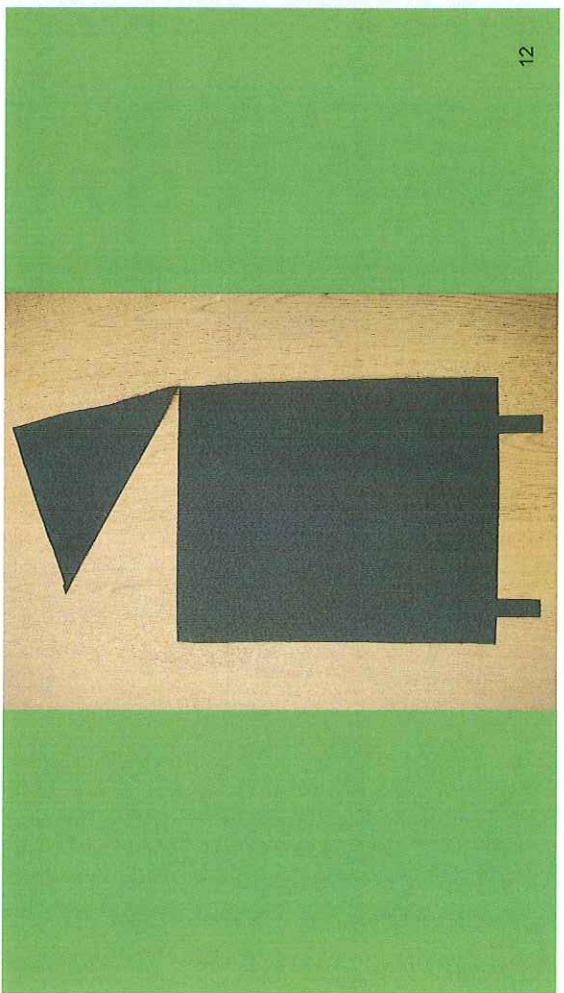
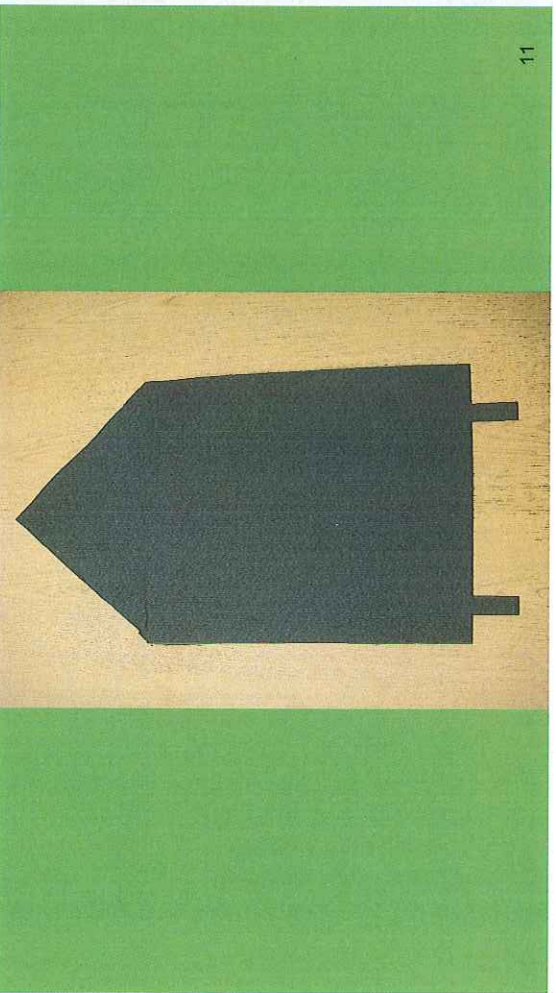
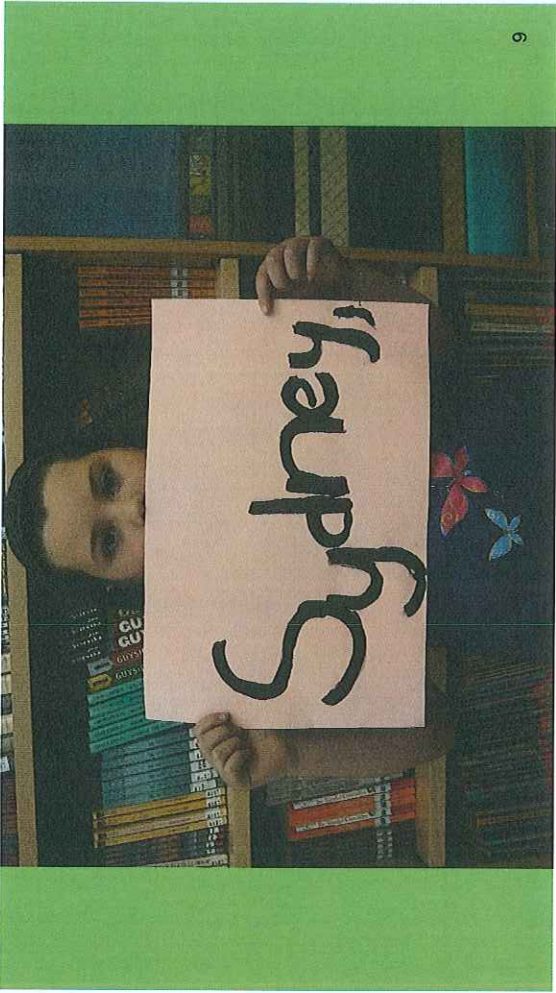
Apology Accepted

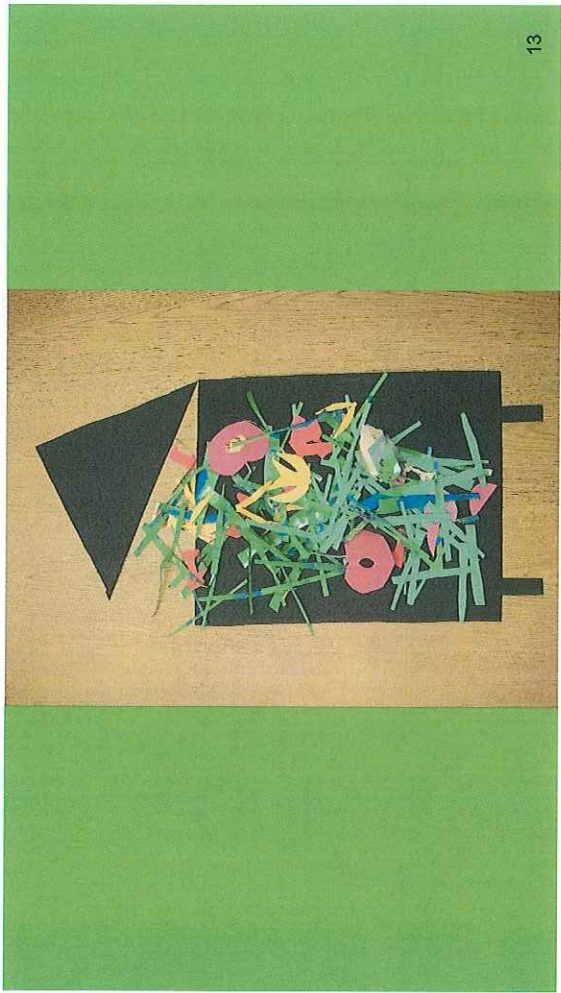
Scale 1 square =

Antenna

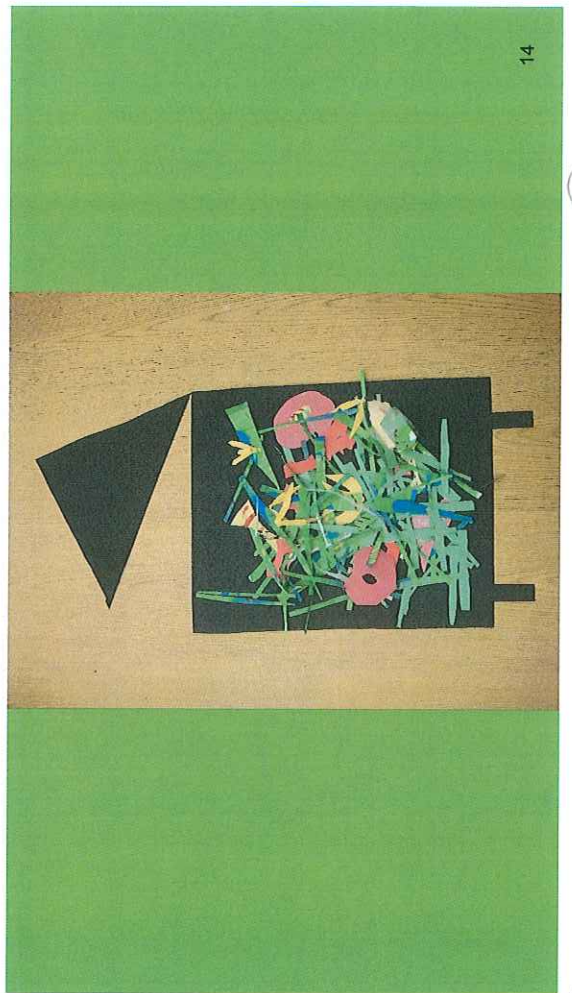




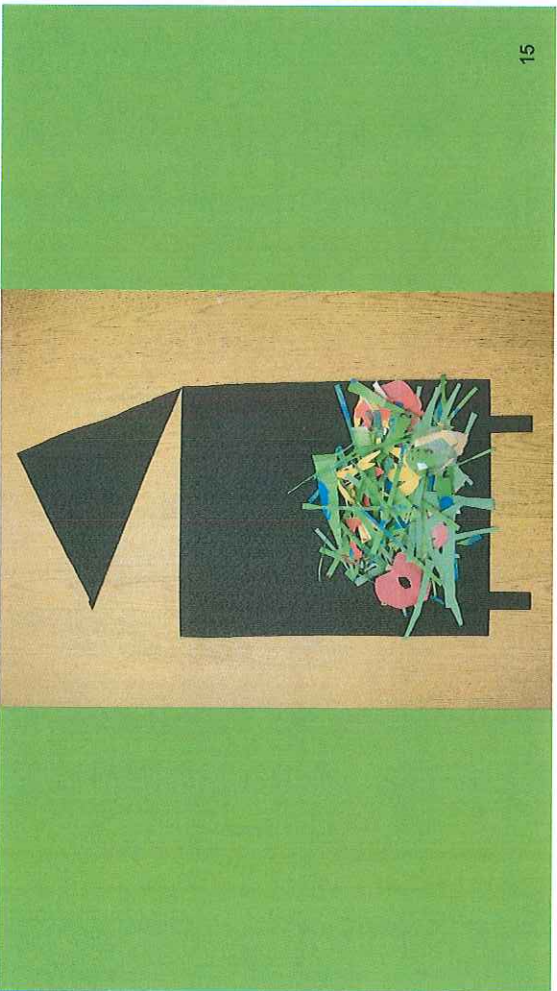




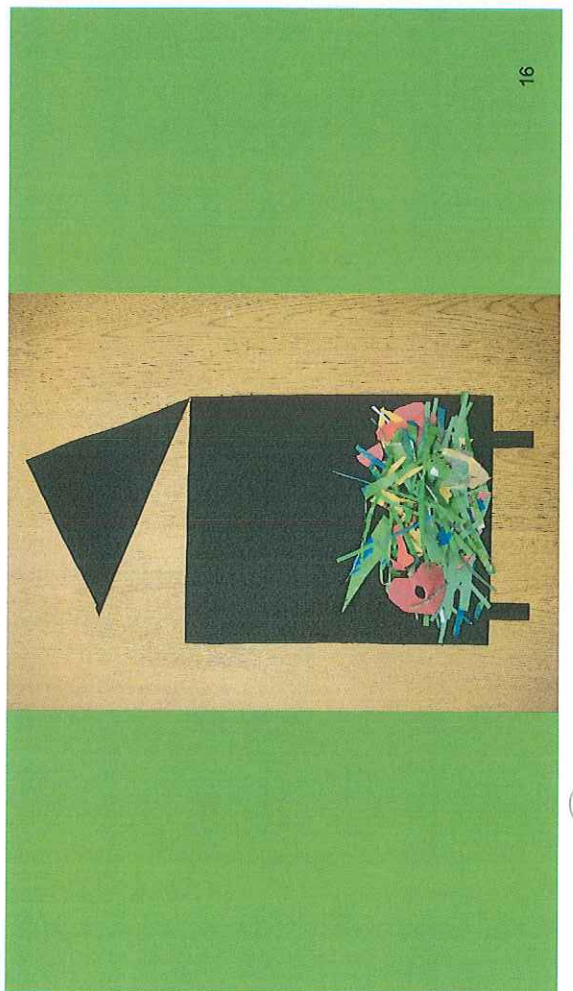
13



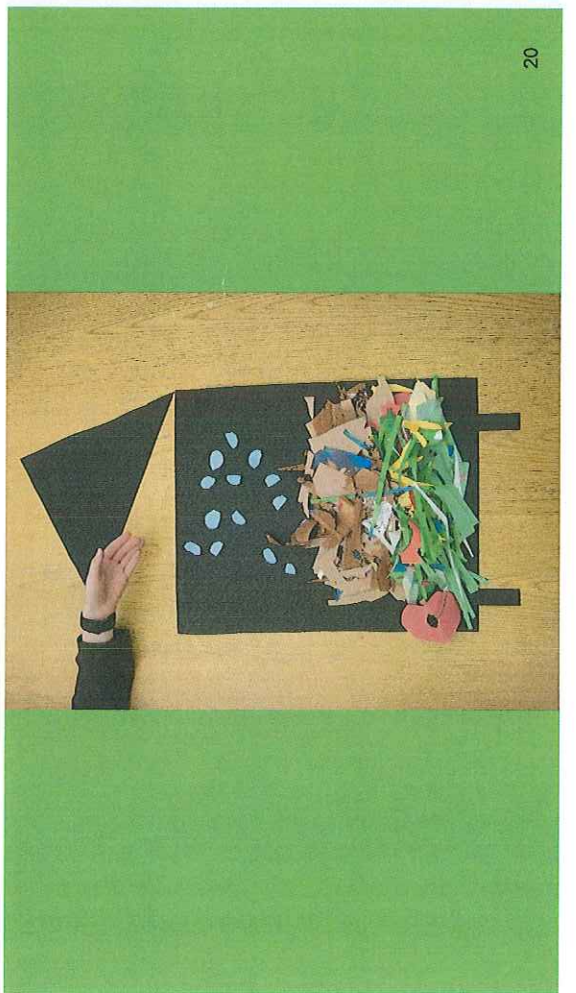
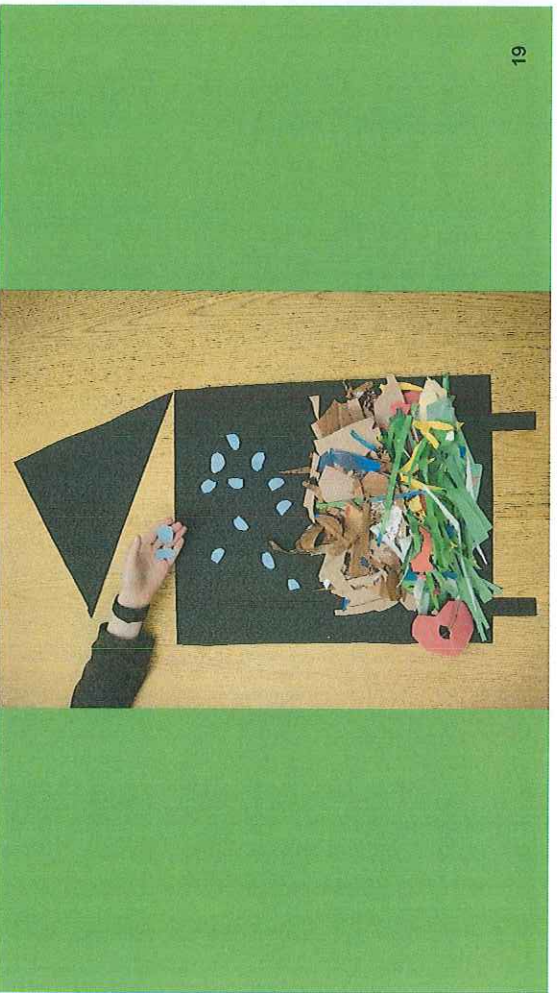
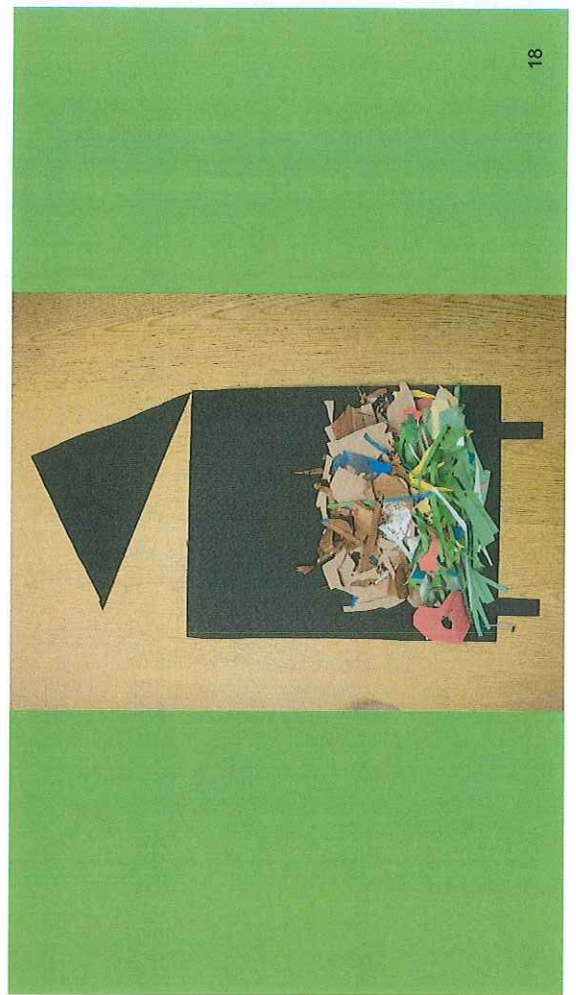
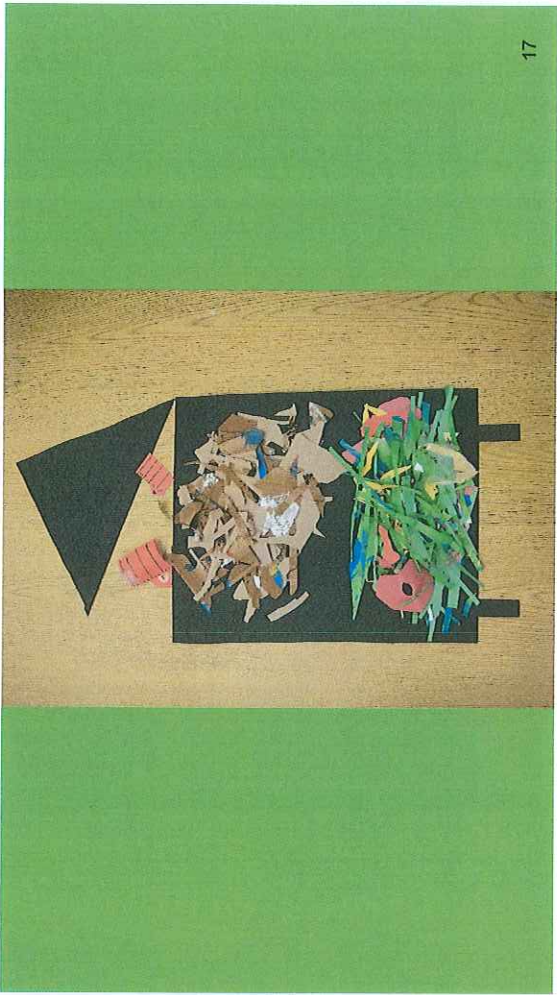
14

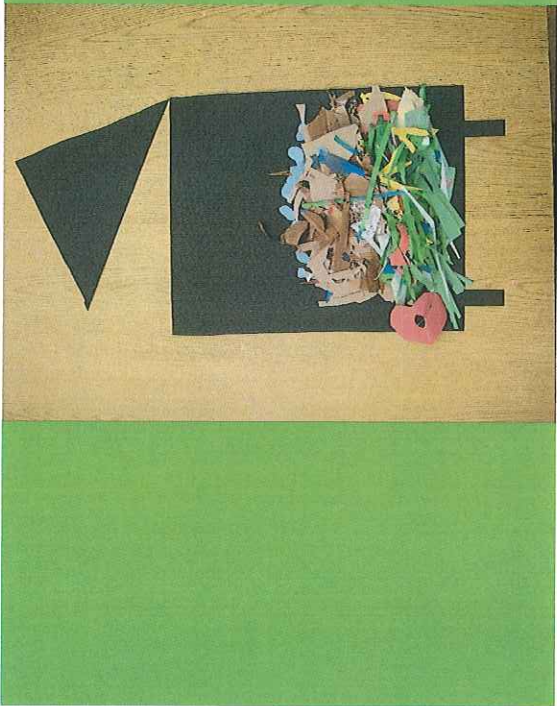


15

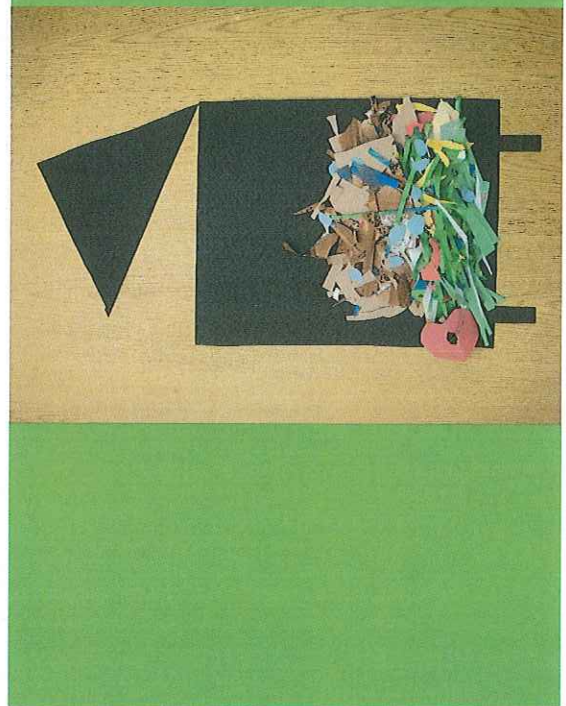


16

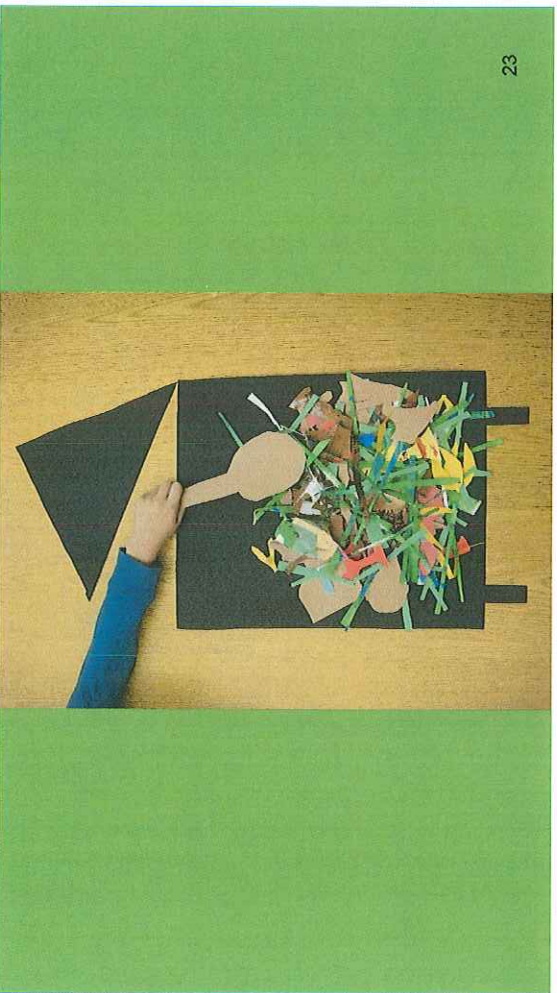




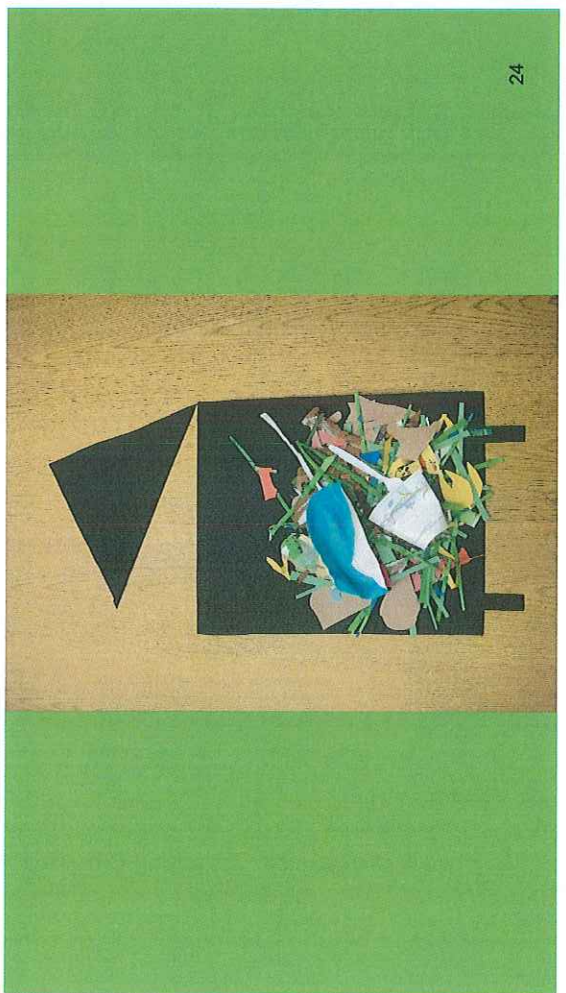
21



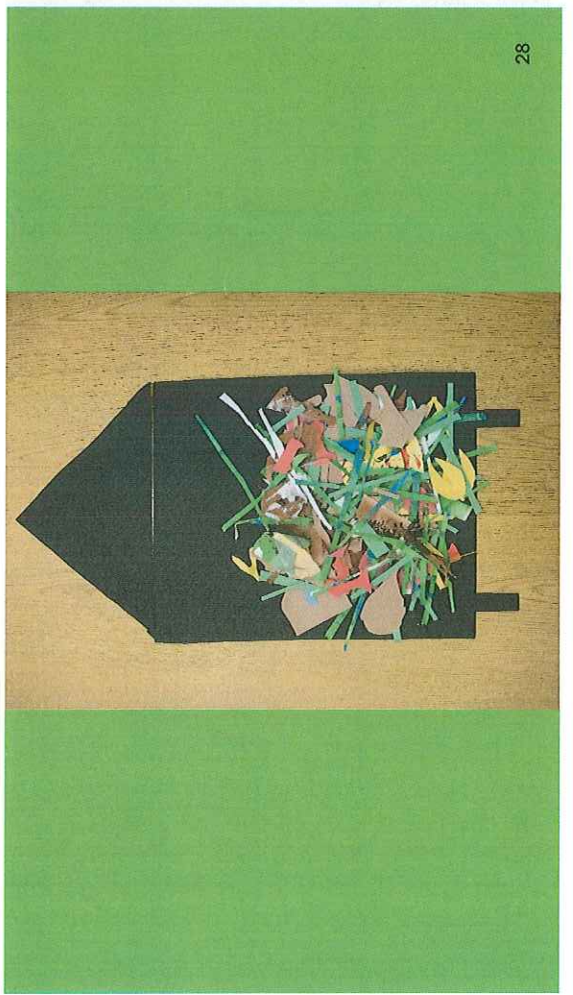
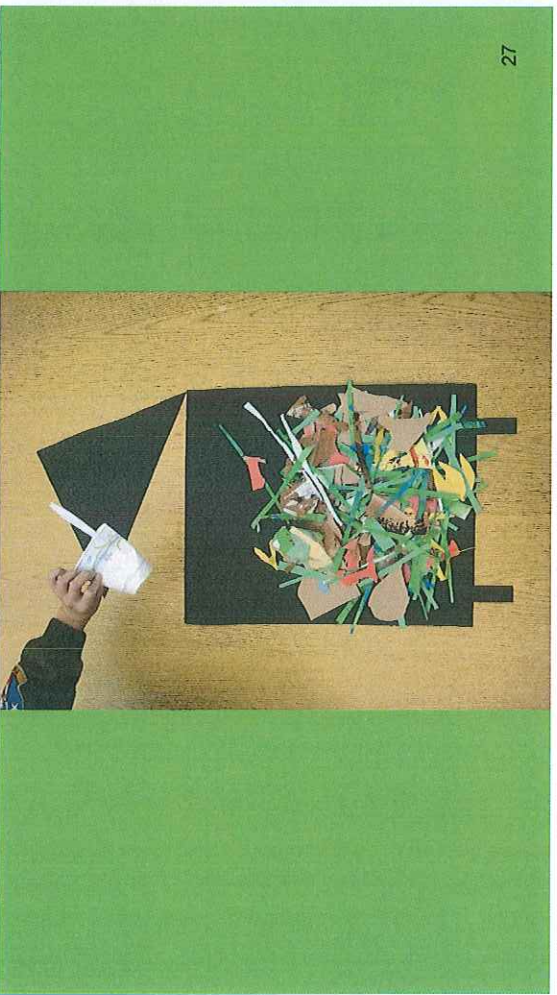
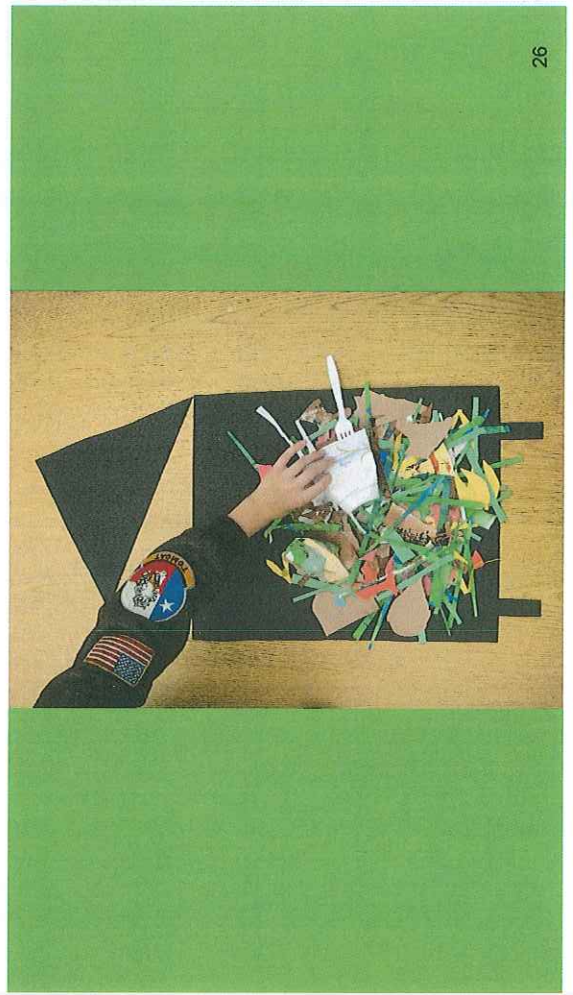
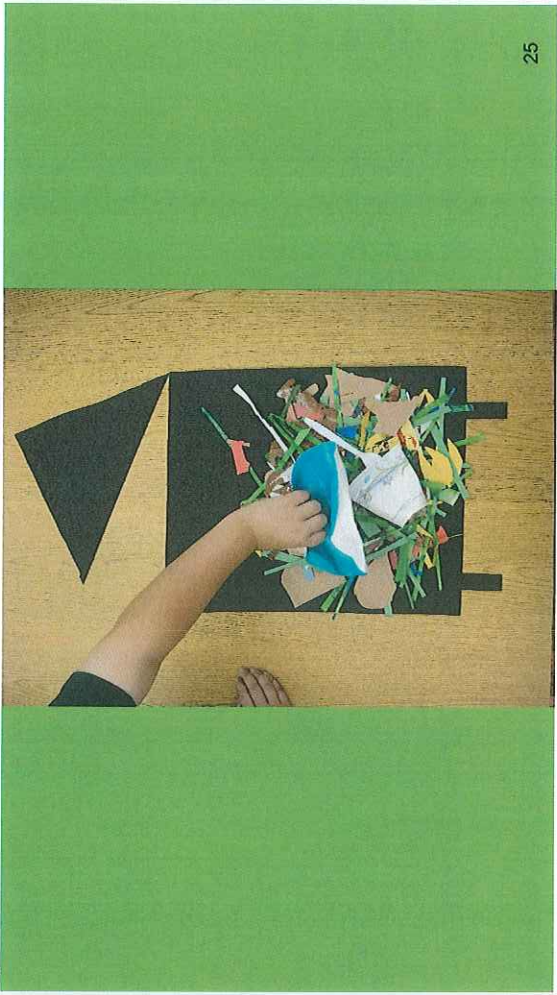
22

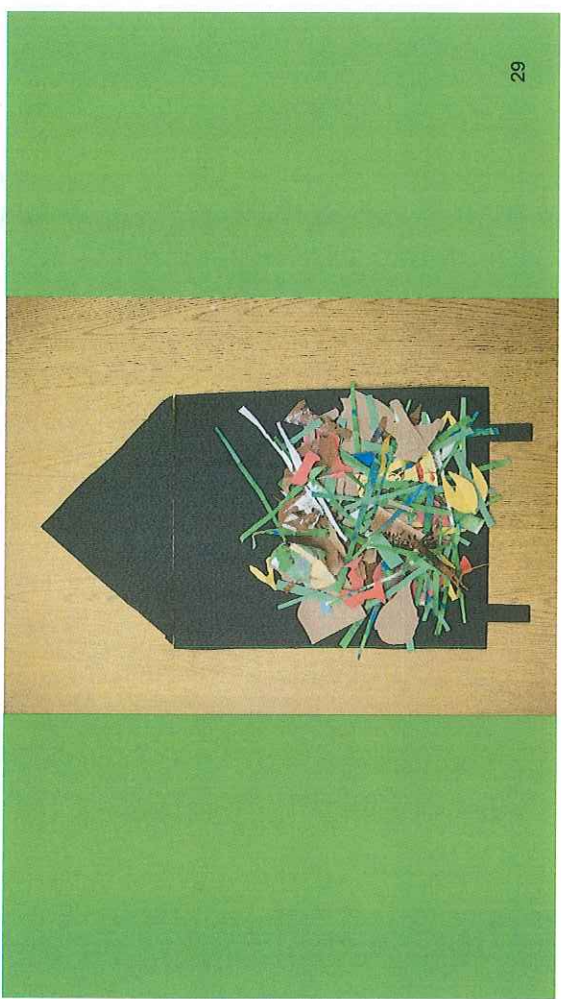


23

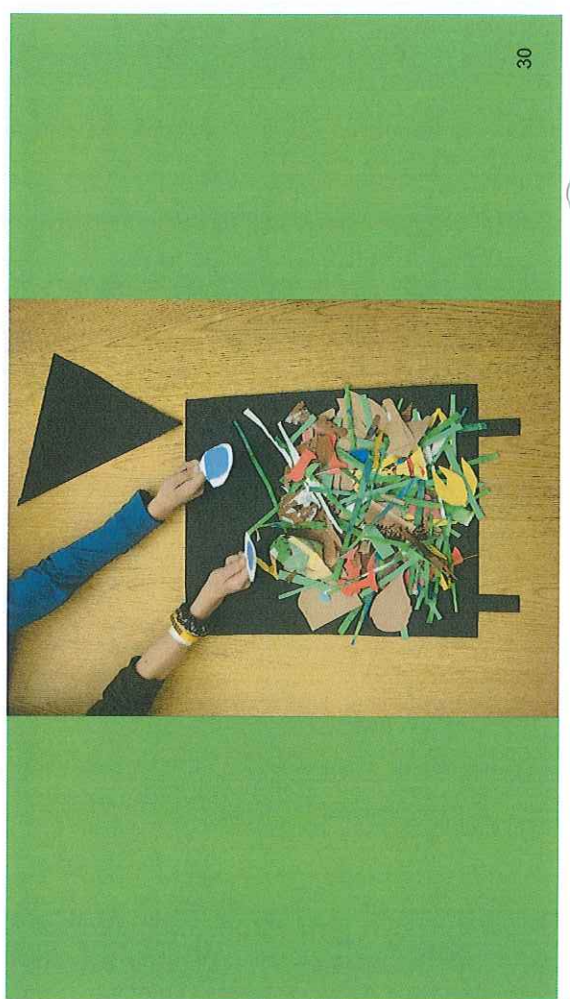


24





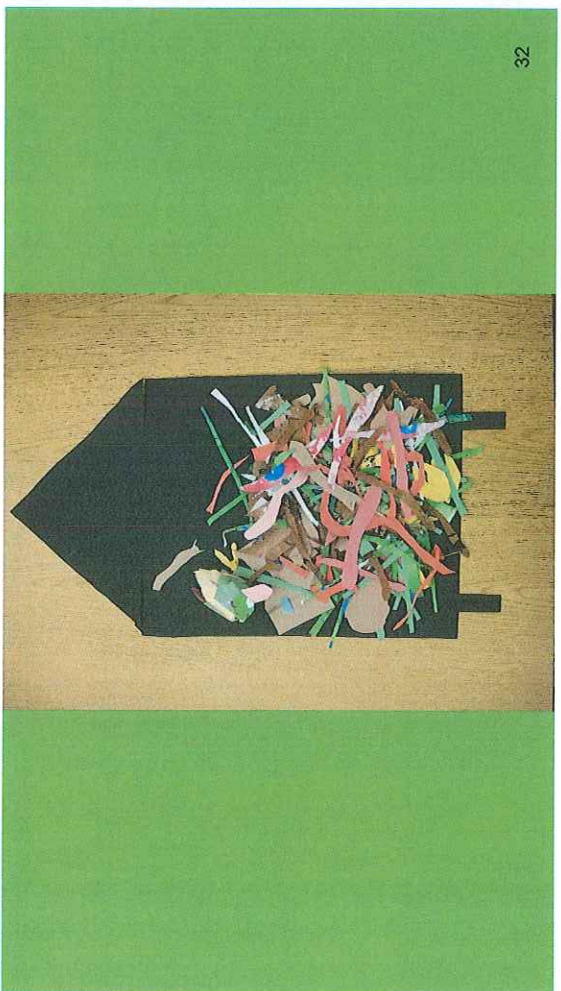
29



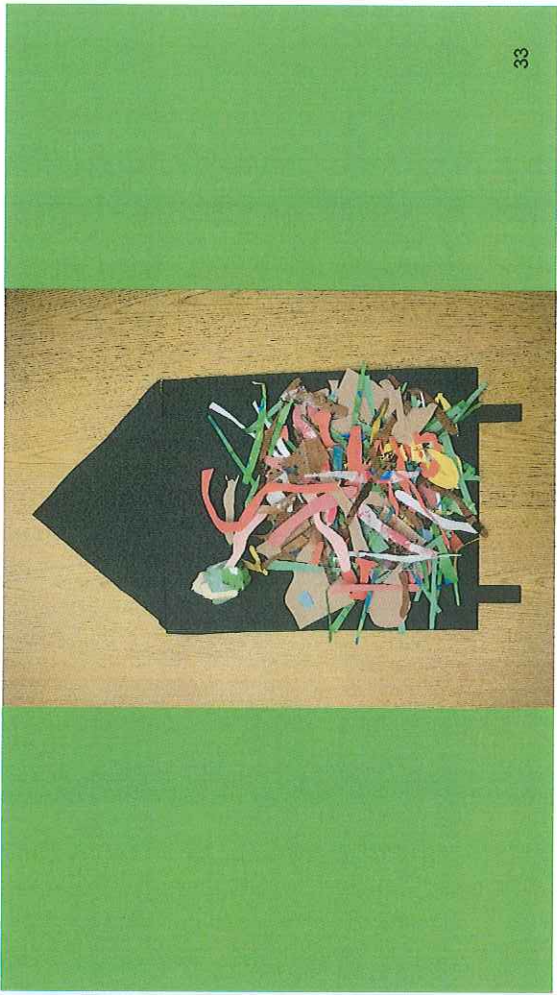
30



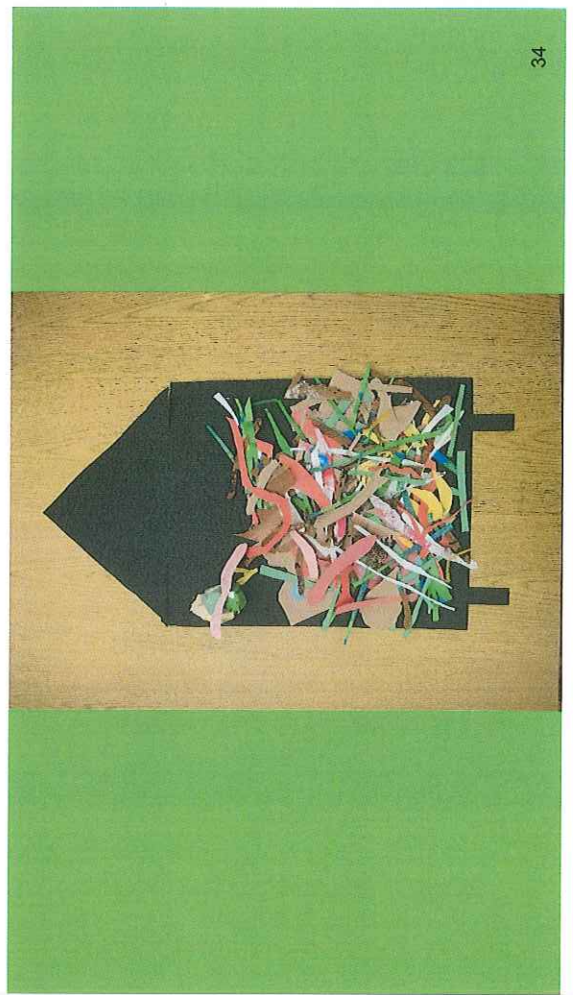
31



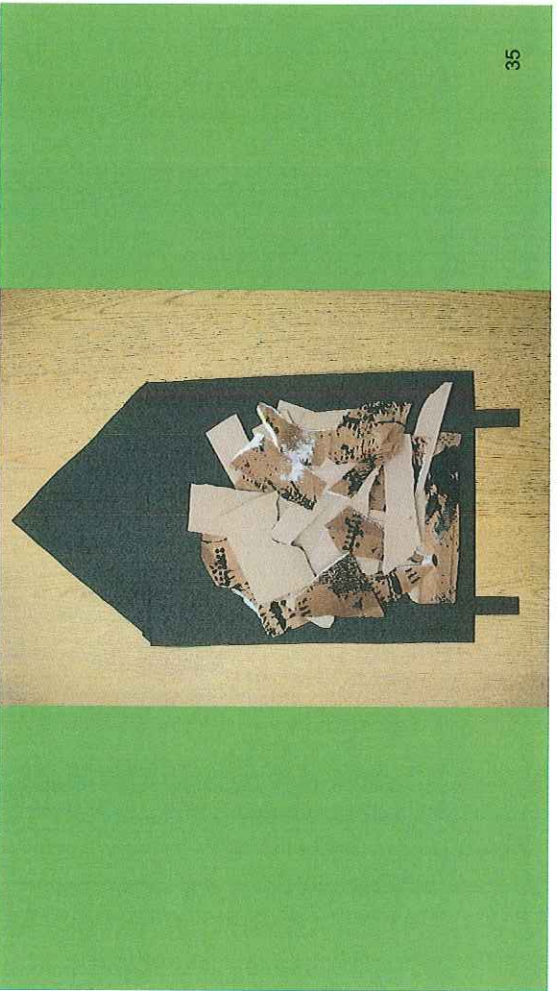
32



33



34



35



36