

BE A BELLEVUE GREEN GENIUS

At HOME



CONSERVATION ACTIVITY GUIDE FOR GRADES K-5 AT HOME!



CUT OUT THIS BADGE AND ATTACH WITH STRING OR TAPE TO WEAR. LET YOUR HOUSEHOLD KNOW YOU ARE A GREEN GENIUS.



PINKY SWEAR!

TAKE THE GREEN GENIUS PLEDGE

ARE EACH OF YOUR HOUSEHOLD MEMBERS A GREEN GENIUS? IF THEY CAN ANSWER "YES" TO EVERY QUESTION, THEN THEY ARE!

- Will you place only clean, empty, dry recyclable items in the recycling bin?
- Will you put food scraps in the yard waste bin?
- Will you turn off running water when you are not using it?
- Will you turn off lights in empty rooms and when light isn't needed?

WHAT ARE 5 EARTH FRIENDLY ACTIONS YOU PLAN TO DO THIS MONTH AT HOME?

Handwriting practice area with five sets of lines (top solid, middle dashed, bottom solid) for writing answers.



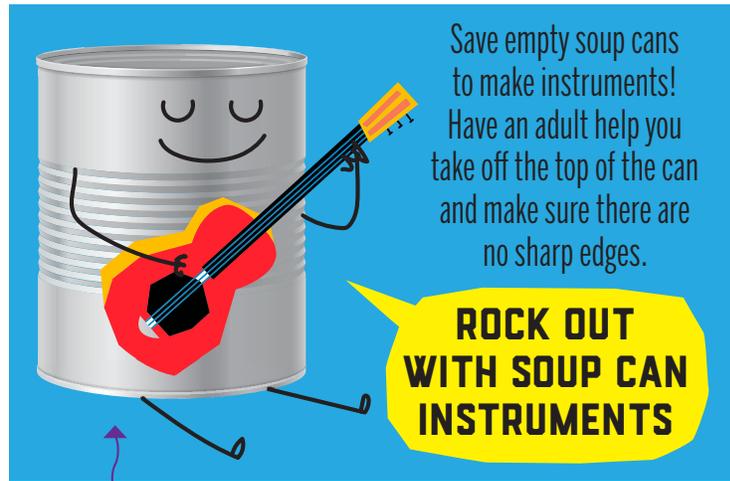


REUSE ITEMS TO MAKE ART!



MAKE EGG CARTON INSECTS

SAVE OLD EGG CARTONS AND CREATE INSECTS WITH THEM. CUT OUT SECTIONS OF EGG CUPS. COLOR THEM. DRAW EYES AND A FACE ON THE FRONT. USE PIPE CLEANERS OR PAPER SCRAPS TO MAKE LEGS AND ANTENNAE!



Save empty soup cans to make instruments! Have an adult help you take off the top of the can and make sure there are no sharp edges.

ROCK OUT WITH SOUP CAN INSTRUMENTS

TO MAKE A SHAKER INSTRUMENT, PUT STONES OR COINS IN THE CAN. CUT OUT A CARDBOARD CIRCLE FROM AN OLD BOX THAT IS THE SAME SIZE AS THE TOP. DUCT TAPE THIS ON. SHAKE YOUR NEW PERCUSSION INSTRUMENT!

TO MAKE A DRUM, CUT THE BOTTOM OF A BALLOON OFF AND STRETCH IT ACROSS THE TOP. USE DUCT TAPE OR A RUBBER BAND AROUND THE EDGES TO KEEP THE BALLOON ON. TAPE OR GLUE CONSTRUCTION PAPER AROUND THE CAN SO YOU CAN DECORATE IT.



MAKE A GLASS JAR TERRARIUM AND WATCH IT GROW!

SAVE AN OLD FOOD JAR, SUCH AS A SPAGHETTI SAUCE OR PICKLE JAR. WASH IT THOROUGHLY. COLLECT SOME PEBBLES TO PLACE IN THE BOTTOM OF THE JAR FOR DRAINAGE. FILL ABOUT 1/3 OF THE JAR WITH SOIL. PLACE MOSS OR OTHER SMALL STONES ON THE TOP AND INCLUDE A SMALL PLANT. ADD A SMALL TOY. PLACE IN A WINDOWSILL TO WATCH IT GROW!

BUILD A DOME OUT OF CARDBOARD

SAVE UP CLEAN CARDBOARD BOXES. HANDLE CAREFULLY AND BREAK THEM DOWN. WHEN YOU ARE READY, WORK WITH AN ADULT TO CUT 8-INCH OR 12-INCH TRIANGLES, WHICHEVER IS EASIER BASED ON THE CARDBOARD PIECES YOU HAVE. IT IS IMPORTANT THAT ALL TRIANGLES ARE THE SAME SIZE AND SHAPE. USE THE FIRST TRIANGLE YOU CUT TO TRACE AND MAKE THE OTHERS. TAPE SIDES TOGETHER WITH DUCT TAPE. BUILD A DOME FOR A PET, OR A LARGER DOME FOR YOURSELF!





BE A SUPER SORTER!

CUT OUT THESE SIGNS AND POST ABOVE YOUR GARBAGE, RECYCLING AND FOODCYCLING CONTAINERS AT HOME. AFTER A MEAL, TEACH HOUSEHOLD MEMBERS WHERE ITEMS GO.

A COMPLETE LIST OF WHERE THINGS GO IN BELLEVUE CAN BE FOUND AT:

<https://bellevuewa.gov/city-government/departments/utilities/manage-your-utility-services/solid-waste/recycle-right>

EMPTY RECYCLABLES ONLY! THANKS FOR RECYCLING!

RECYCLE

WE CAN TURN THIS FOOD INTO SOIL TO GROW PLANTS!

FOODCYCLE

NO PLASTICS PLEASE! EMPTY YOUR BAGS!

TRASH BELONGS IN THE LAND FILL

PUT THIS STUFF IN THE GARBAGE PLEASE!

GARBAGE

HELP TAKE GARBAGE, RECYCLING AND FOODCYCLING OUT TO CARTS OR DUMPSTERS, WITH PERMISSION FROM AN ADULT IN YOUR HOUSEHOLD. USE THESE TIPS:



- Flatten cardboard boxes for recycling.
- Empty recyclables loose into recycling carts or dumpsters. Do not put plastic bags in the recycling.
- Make sure recyclables are clean, empty, and dry before recycling them.
- Only put food scraps and non-shiny paper in the yard waste bin.

Here are links to see what happens to our materials when they are picked up from our homes:

Recycling at Republic Services:

<https://recyclingsimplified.com/for-educators/virtual-field-trips/>

Composting at Cedar Grove Composting:

<https://www.youtube.com/watch?v=OaiRKS6n3sQ>

Garbage disposal at Cedar Hills Regional Landfill:

<https://youtu.be/5oLqe7ujCYg>



MAKE GREEN GENIUS CHOICES TO PROTECT THE ENVIRONMENT!

ACTIVITY: WHICH ACTIONS BEST PROTECT THE ENVIRONMENT? CIRCLE THE ACTION ON EACH LINE THAT'S THE BEST CHOICE FOR BEING KIND TO THE EARTH.

Buy food that is grown locally OR Buy food shipped from another country

Use a disposable straw OR Drink from the glass or cup directly

Drink water out of your tap OR Drink bottled water

Run water while you brush your teeth OR Turn off the water while brushing your teeth

Separate waste into a recycling bin, garbage can, and foodcycle bin OR Throw everything in the garbage

ACTIVITY: SCAVENGER HUNT

CIRCLE THE ITEMS YOU FIND AROUND YOUR HOUSE OR YARD

- Rain barrel
- Low flow shower head (ask an adult about this)
- Aerators on sinks (ask an adult about this)
- Heater on a timer (ask an adult about this)
- Signs that show what can go in the recycling or in the foodcycling containers
- Container for collecting food scraps and compostable items
- Look for Energy Star logo on washer, dryer, or fridge



GAME: SORT IT. WHERE DOES EACH ITEM BELONG?

Draw a line from each item to the recycling, foodcycling or garbage cart. Check your answers in the answer key at the bottom of this page. Ask other members of your household where they think items should go. How did they do?

The sorting game area contains the following items: a slice of watermelon, a can of tomatoes, a brown glass bottle, a newspaper, a banana peel, a plastic spoon and fork, a carton of milk, a bag of chips, a juice pouch, orange slices, a cardboard box, an apple core, a bag of pet waste, a tulip flower, colorful straws, a 'JUICY JUICY JUICY' juice pouch, a candy bar, a fish bone, a water bottle, and a 'PLASTIC' sign on a post. Below the items are three bins: a green 'FOODCYCLE' bin with a food waste icon, a blue 'RECYCLE' bin with a recycling symbol, and a grey 'GARBAGE' bin with a trash can icon.

FOODCYCLE: apple core, flower, egg shells, fish bones, banana peels, watermelon rind **RECYCLE:** plastic bottle, metal cans, newspapers, glass bottle, cardboard box **GARBAGE:** chip bag, plastic utensils, sealed pet waste bag, plastic straws, foil juice pouch, candy wrapper



MAKE GREEN GENIUS CHOICES TO PROTECT THE ENVIRONMENT!

GREEN GENIUS WORD FINDER!

FIND THESE WORDS

N B A Y Y V T O V W H R D V E C U D E R
 V S D J V V D X R Z C C L X W M F W R M
 L S D V W W T S O P M O C F E I Y H Y V
 A R C F D Z I B I R D S J X L L B P E H
 K O H O O O W C E K G F Y O I P L H P E
 E O R O C V M B T R Z K W W Z A X B M U
 G D I D S R P D Q X N H K S N W P E Z V
 M T L C O N S E R V E A B T H Q E O U E
 L U H Y K S X K H M A V S X T K C O P L
 U O A C V I G R E E N G E N I U S W Y L
 J R W L N W U R H T R A E V F E N K E E
 G T A E Z Z E T X M L M E G S O P K X B
 U X O V Y C E K V Z N J J U C K X C Z N
 A K B I Y F J E L O I C E Y O X B G Y P
 G Q C C H F K J R X W R J L Q Y W D M L
 W X L M V U X I J S L A M I N A Q O O V
 B E C C S E V O D T O H V Y S L Q M D B
 S B V O J N K L L U N F C M O E E R C V
 B G R M E X E X Y D H E U Z U N I X T A
 G T E U G P F P I I S J T A N Q J S L K

- REDUCE
- REUSE
- RECYCLE
- CONSERVE
- EARTH
- ENVIRONMENT
- ANIMALS
- BIRDS
- PLANTS
- OUTDOORS
- FOODCYCLE
- COMPOST
- LAKE
- BELLEVUE
- GREENGENIUS
- SORT



GREEN GENIUS



CHECK OUT ONLINE GAMES AND ACTIVITIES TO LEARN EVEN MORE!

- <http://local.republicservices.com/site/washington/resources>
- <https://www.epa.gov/sites/production/files/2017-02/documents/ws-ourwater-falw-activitypage.pdf>
- <https://climatekids.nasa.gov/>
- https://www.eia.gov/kids/for-teachers/lesson-plans/pdfs/Activitybook_web.pdf
- <https://kids.niehs.nih.gov/games/index.htm>
- <https://spaceplace.nasa.gov/ocean-currents/en/>
- <https://www3.epa.gov/recyclecity/>

