



WESTMINSTER

JUNIOR CITY PLANNER



WESTMINSTER  
COLORADO

LET'S HAVE FUN IN  
WESTMINSTER...

YEP! IT  
GOES RIGHT  
THERE...



Property of Westminster

# BY BECOMING A JUNIOR CITY PLANNER!

Created for the City of Westminster Planning Division, Community Development Department  
by Sean McCartney

## WHAT IS A CITY PLANNER?

A City Planner looks out for our community: We answer questions like: Where are buildings located and what do they look like? How does the landscaping around the building look? Where do cars park? These are only a few questions a City Planner would answer.

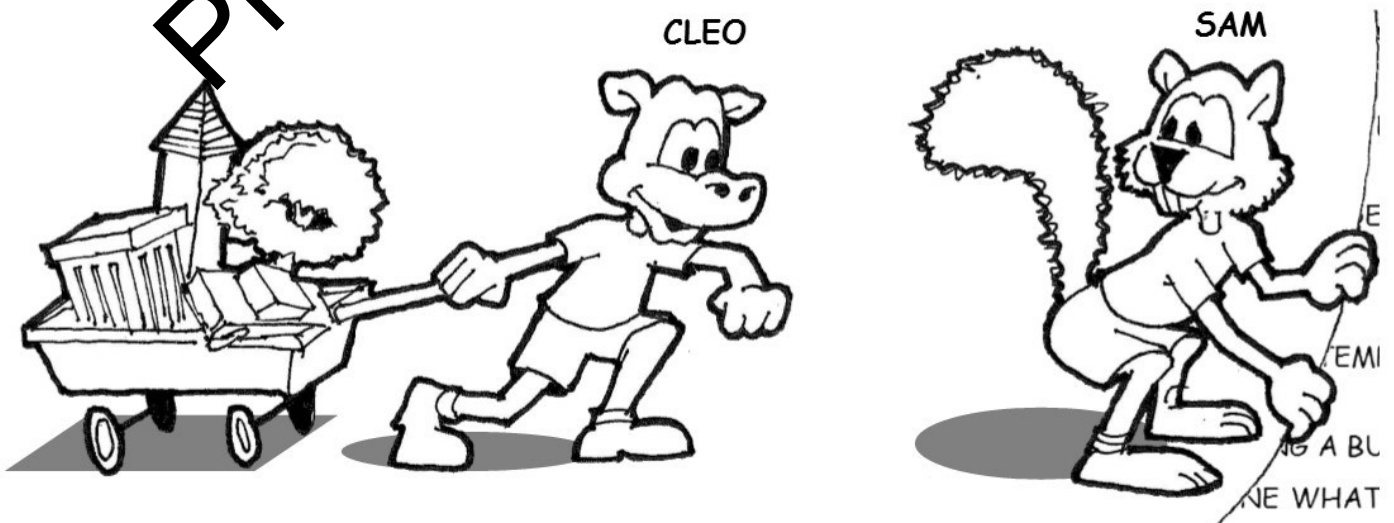
We are lucky enough to work with all types of other experts during our work day: Building experts, Architects, Firefighters, Police Officers, Bus drivers, Train Engineers, and Real Estate Professionals - just to name a few. We also listen to you and your neighbors about how to improve the community. The improvements we make to our community have an affect on the state we live in, the country our state is located in and, ultimately, improves the planet we all live on.

As City Planners we studied very hard in elementary, middle and high school and focused on Math, Science, Geography, English and even Art. A person becomes a City Planner after studying 4 - 7 years of Planning at a college or university.

It is very important to pay attention in school and do the best you can in every test you take.

The Junior City Planner Program is designed to get you involved in making their community the best place to live, work, and play. Through knowledge and understanding of what makes a community great, a Junior City Planner will be empowered to make a list of any and all ideas to improve their community. By picking up trash, or identifying areas that need improvement, a Junior City Planner will bring attention to areas that city officials cannot see. No idea is too crazy and no project is too small. Whatever you do, have fun with this program and be sure your parents participate as well.

Now, let's help Cleo and Sam make Westminster the best place it can be!



## TERMS AND DEFINITIONS



AS CITY PLANNERS, WE NEED TO KNOW A LOT OF WORDS. BELOW ARE JUST A FEW FOR YOU TO BE AWARE OF:

**CIRCULATION** - A ROAD, SIDEWALK, BIKE PATH, HIKING TRAIL; A PATHWAY DESIGNED FOR TRAVEL.

**CITY COUNCIL** - A GROUP OF CITIZENS ELECTED BY OTHER CITIZENS TO MAKE NECESSARY DECISIONS FOR THE PROGRESS AND LEADERSHIP OF A COMMUNITY.

**DEVELOPMENT** - A PLACE WHERE THERE ARE BUILDINGS, PARKING, CIRCULATION, AND LANDSCAPING.

**DRAINAGE** - A PATHWAY OR COLLECTION AREA FOR RAINWATER AND MELTING SNOW.

**LAND USE** - LAND CATEGORIES WHICH ALLOW CERTAIN USES LIKE HOUSES, RESTAURANTS, OFFICES, ETC.

**LANDSCAPING** - GRASS, TREES, ROCKS, SHRUBS, THAT ARE PLACED AROUND BUILDINGS OR PARKING LOTS.

**MATERIALS** - A PRODUCT USED FOR COVERING A BUILDING; FOR INSTANCE, BRICK AND STONE ARE OFTEN USED AS BUILDING MATERIALS.

**MAYOR** - A CITIZEN WHO IS ELECTED TO SPEAK FOR THE COMMUNITY IN PUBLIC SITUATIONS OR EVENTS.

**MIXED USE** - MIXING HOUSING, RESTAURANTS, AND SHOPPING IN ONE DEVELOPMENT.

**PARKS/OPEN SPACE** - GREENSPACES WHERE THE PUBLIC CAN PLAY OR ENJOY A NATURAL ENVIRONMENT.

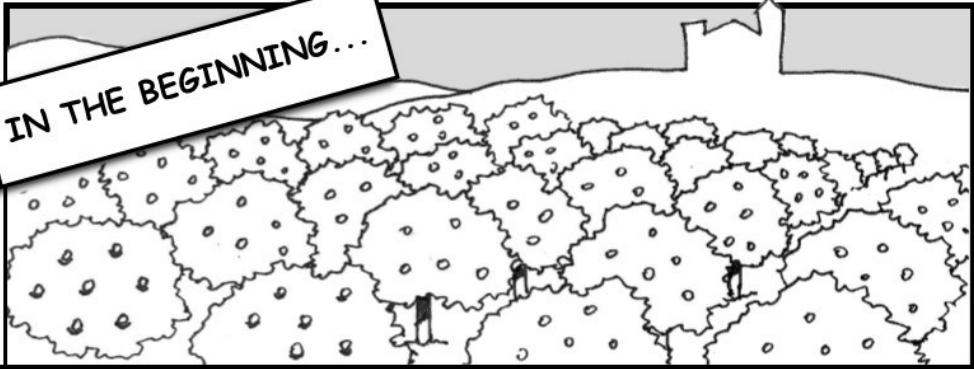
**PARKING LOT** - AN AREA WHERE VISITORS, CAN PARK THEIR CARS WHILE THEY ARE VISITING A PLACE OR BUILDING.

**SIGN** - A TOOL USED FOR ADVERTISING A BUSINESS OR IDENTIFYING A BUILDING.

**ZONING** - THE LOCATION BOUNDARY, AND RULES, THAT DETERMINE WHICH LAND USES CAN GO WHERE.

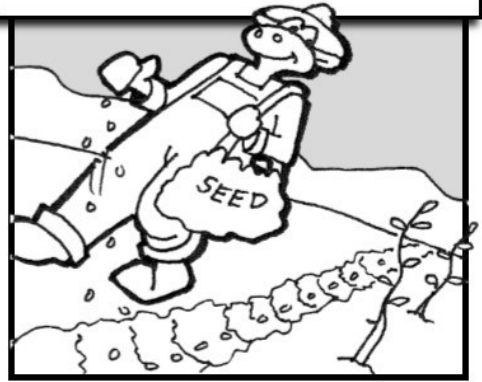
# WESTMINSTER HISTORY

IN THE BEGINNING...

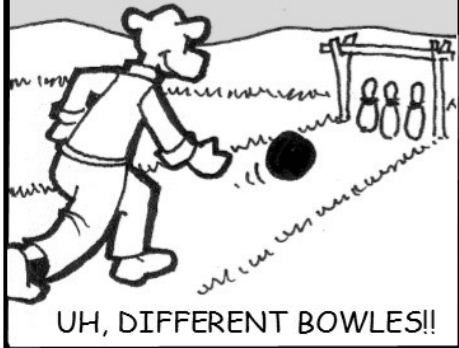


WESTMINSTER BEGAN AS AN APPLE AND CHERRY ORCHARD NEAR WEST 76TH AVE. AND LOWELL IN 1870!

1ST ORCHARD WAS PLANTED BY PLEASANT DeSPAIN...

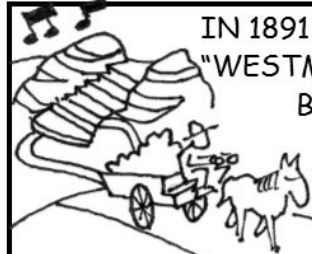


1871 - EDWARD BOWLES MOVES TO THE AREA...



UH, DIFFERENT BOWLES!!

IN 1891, THE CONSTRUCTION OF "WESTMINSTER UNIVERSITY" BEGAN BY USING ROCK FROM THE RED ROCKS AREA...



BY 1908 CLASSES BEGAN AT THE "PRINCETON OF THE WEST." WESTMINSTER IS NAMED AFTER THIS UNIVERSITY!



ART ACTIVITY

HAVE YOUR PARENTS TAKE YOU TO SEE THE "CASTLE ON THE HILL" AND USE THE SPACE BELOW TO DRAW A PICTURE OF THE BUILDING.



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# READING MAPS

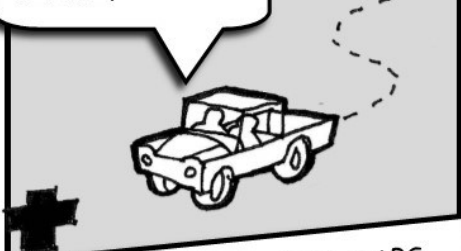
MOST OF US PLANNERS ARE MAPPING EXPERTS...



IN SCHOOL WE WERE THE KIDS ALWAYS STARING AT MAPS...



THERE'S THE PLACE!



BY UNDERSTANDING MAPS, YOU WILL ALWAYS KNOW WHERE YOU ARE...

## ACTIVITY

The map consists of several blocks of streets. The top-left block has a vertical street on the left and a horizontal street at the top. The top-middle block has a horizontal street at the top and a vertical street on the left. The top-right block has a horizontal street at the top and a vertical street on the left, with a box labeled 'City Hall'. The middle row has a vertical street on the left, a lake in the center, and a vertical street on the right. The bottom-left block has a vertical street on the left and a horizontal street at the bottom, with a box labeled 'High School' and a compass rose to its right. The bottom-middle block has a vertical street on the left and a horizontal street at the bottom, with a box labeled 'High School'. The bottom-right block has a vertical street on the left and a horizontal street at the bottom, with a compass rose to its right. The lake is in the center, with a vertical street on its left and a horizontal street on its right. The compass rose is in the bottom right corner.

## MAPPING ACTIVITY

ANSWER THE QUESTIONS BELOW ON THE MAP ABOVE:

LOCATE AND LABEL THE COMPASS (KNOWN AS A "COMPASS ROSE")

CREATE A NAME FOR THE LAKE ON THE MAP.

WHAT FUN THINGS CAN YOU DO ON A LAKE?

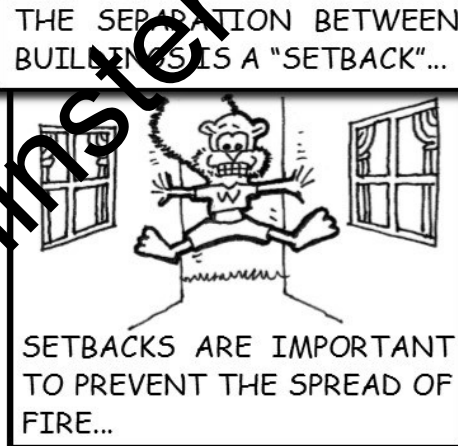
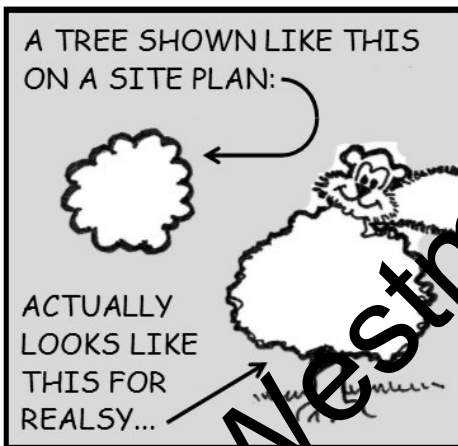
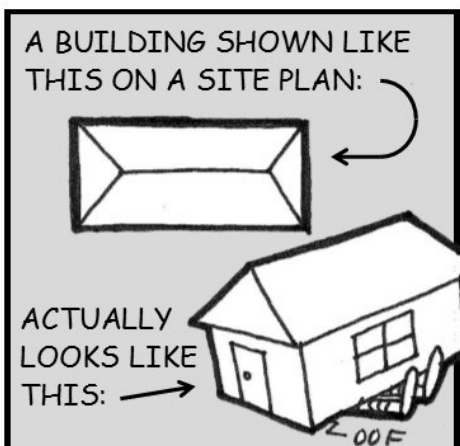
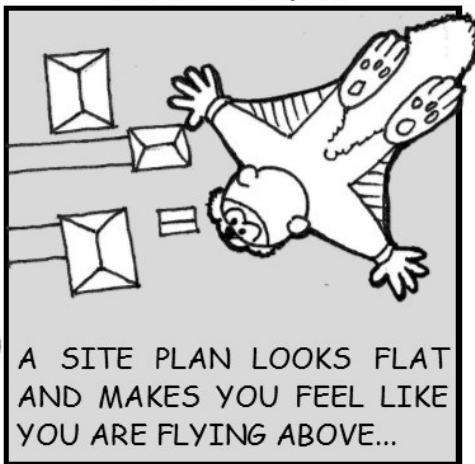
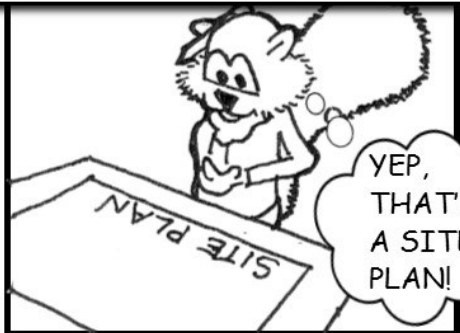
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- 

PLEASE CREATE A NAME FOR EACH STREET ON THE MAP...

MARY WORKS AT CITY HALL BUT DOESN'T HAVE A CAR. PLEASE DRAW HER ROUTE TO WORK AND DESCRIBE WHAT METHOD SHE USED TO GET THERE...

## SITE PLANS

THE PRIMARY JOB OF A PLANNER IS LOOKING AT SITE PLANS...

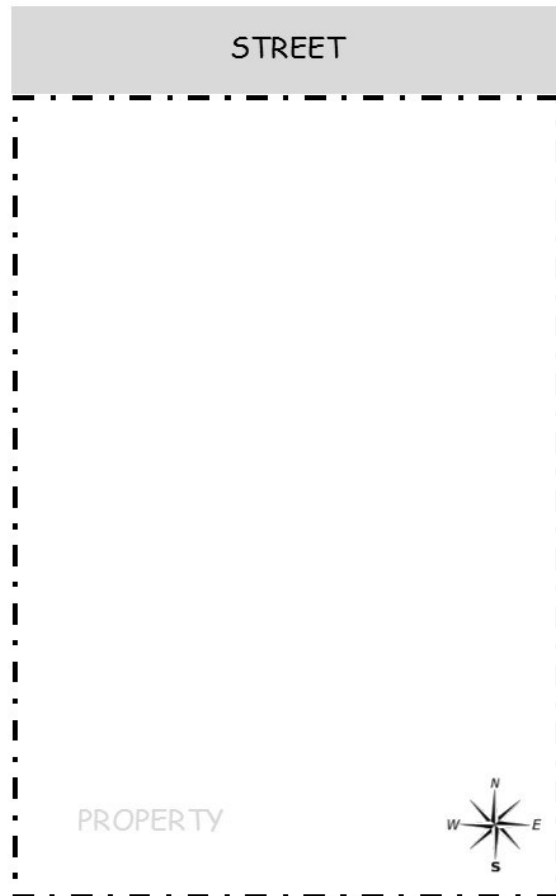
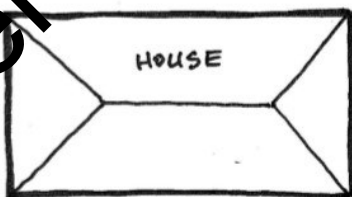


### ACTIVITY

### SITE PLANNING EXERCISE

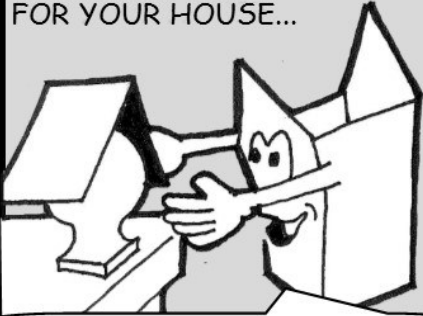
CUT OUT THE OBJECTS BELOW AND PLACE THEM ON THE PROPERTY SHOWN AT THE RIGHT...

- A HOUSE IS USUALLY LOCATED NEAR THE STREET BUT SETBACK FROM THE PROPERTY LINE.
- A SHED IS GENERALLY LOCATED BEHIND THE HOUSE AND STORES TOOLS.
- A DECK IS USUALLY ATTACHED TO THE HOUSE AND IS USED AS AN OUTDOOR SITTING SPACE.
- TREES ARE FOUND ALL AROUND THE PROPERTY. THEY PROVIDE GOOD SHADE BUT SHOULD NOT BE LOCATED TOO CLOSE TO THE HOUSE SO THE ROOTS DON'T DAMAGE THE FOUNDATION.



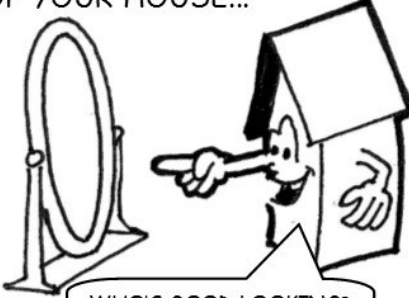
# ROOF STYLES

A ROOF IS VERY IMPORTANT FOR YOUR HOUSE...



CAN'T GO OUTSIDE WITHOUT THIS...

IT NOT ONLY PROVIDES CHARACTER FOR THE LOOK OF YOUR HOUSE...



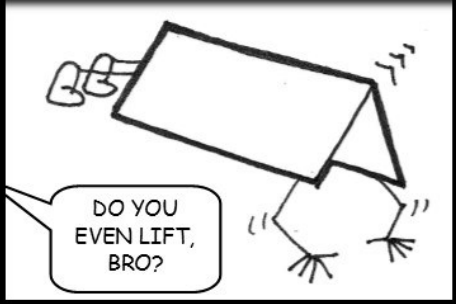
WHO'S GOOD LOOKING? YOU ARE...

BUT PROTECTION FROM THE ELEMENTS!



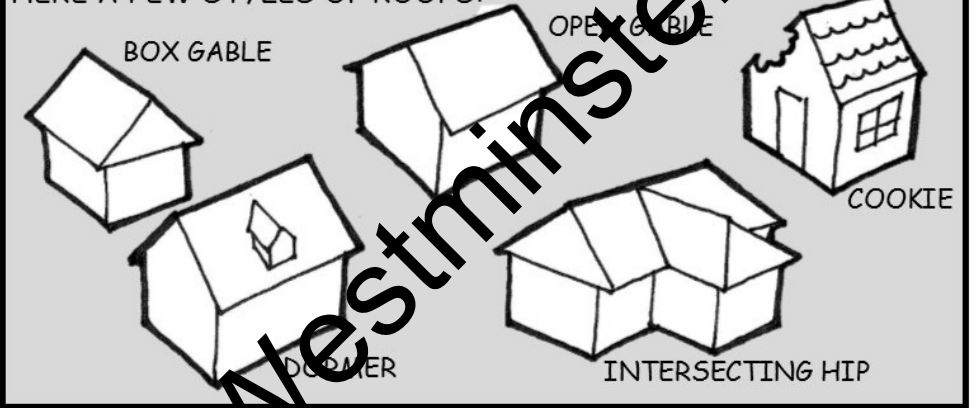
THANK GOODNESS FOR MY ROOF!

THAT'S WHY IT IS IMPORTANT TO MAKE SURE YOUR ROOF IS ALWAYS IN GOOD SHAPE...



DO YOU EVEN LIFT, BRO?

HERE A FEW STYLES OF ROOFS:



BOX GABLE

OPEN GABLE

COOKIE

DORMER

INTERSECTING HIP

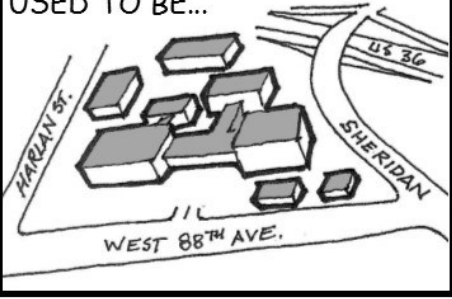
ACTIVITY

PLEASE DRAW A PICTURE OF YOUR HOUSE AND WRITE WHAT TYPE OF ROOF STYLE IT HAS!

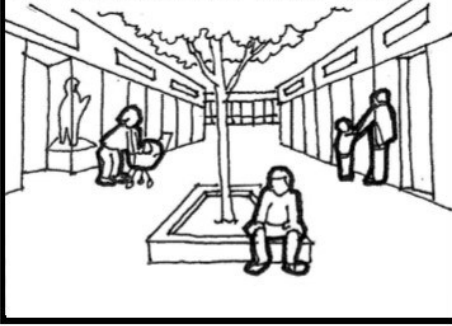
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# WATCH A CITY GROW!

WESTMINSTER IS BUILDING A NEW DOWNTOWN WHERE THE WESTMINSTER MALL USED TO BE...



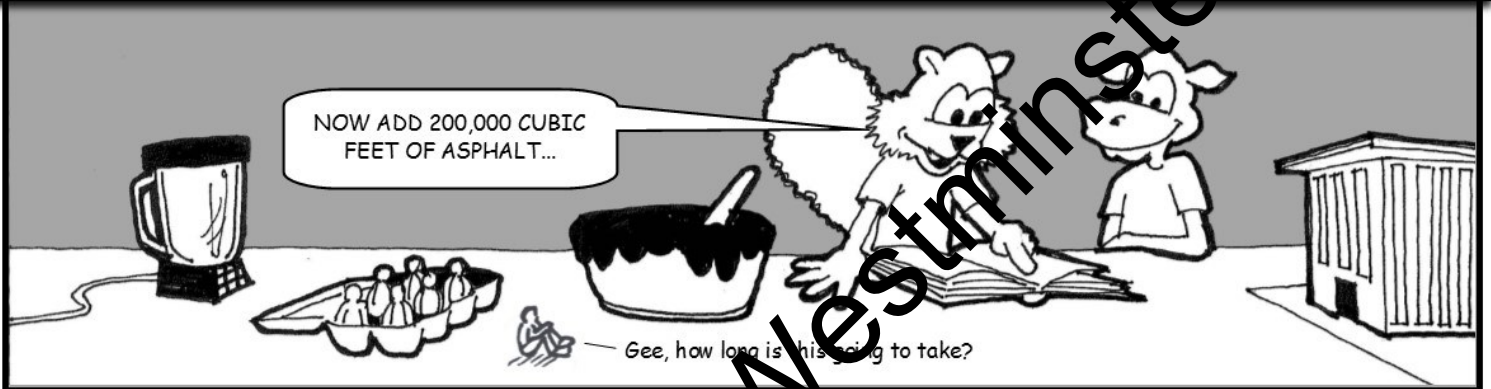
THE MALL USED TO BE A PLACE WHERE FAMILIES GATHERED AND SHOPPED...



THE NEW DOWNTOWN WILL PROVIDE THE SAME GREAT OPPORTUNITIES AND MORE!



A CITY PLANNER IS INVOLVED IN ALL STEPS INVOLVING THE BUILDING OF A NEW DOWNTOWN.



## ACTIVITY

WITH ALL OF THE FAMILIES MOVING DOWNTOWN, THERE NEEDS TO BE A PARK FOR CHILDREN TO PLAY IN. USE THE SPACE BELOW TO DESIGN A NEW PARK FOR DOWNTOWN. ALSO, PROVIDE A NEW NAME FOR THIS PARK.

STREET

STREET

STREET

STREET

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# TRANSPORTATION

A CITY PLANNER ALSO NEEDS TO UNDERSTAND TRANSPORTATION...

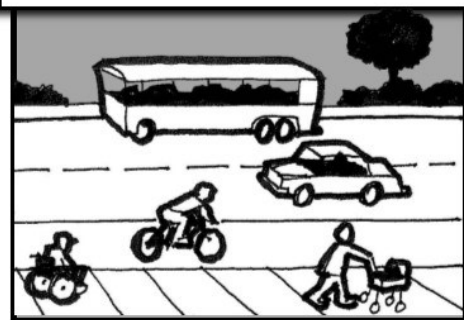
I ALWAYS HAVE PARTS LEFT OVER...



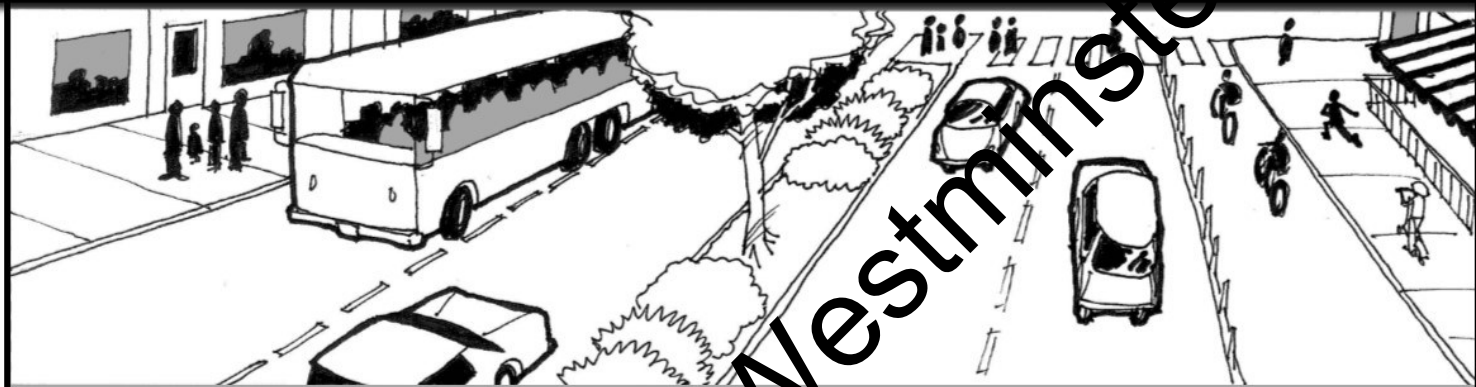
TRANSPORTATION INCLUDES EVERYTHING THAT GETS YOU FROM PLACE TO PLACE...



THIS INCLUDES WALKING, BIKING, CARS, BUS, TRAINS...



A CITY STREET SHOULD BE DESIGNED FOR EVERY TYPE OF TRAVEL AND ACTIVITY.



ACTIVITY

AS TECHNOLOGY GROWS, SO DO DIFFERENT TYPES OF TRAVEL. IN THE SPACE BELOW, DRAW WHAT YOU IMAGINE TO BE THE NEXT WAY TO TRAVEL AND PROVIDE A NAME FOR WHATEVER YOU DESIGN.

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# MATH COUNTS!

A BIG PART OF PLANNING IS KNOWING MATH.

$$\begin{matrix} 3 \\ + \\ 11 \\ \hline \end{matrix}$$

Hi!  
Good to know ya!



WE USE MATH ALL THE TIME...

FROM MEASURING DISTANCES AND AREA...



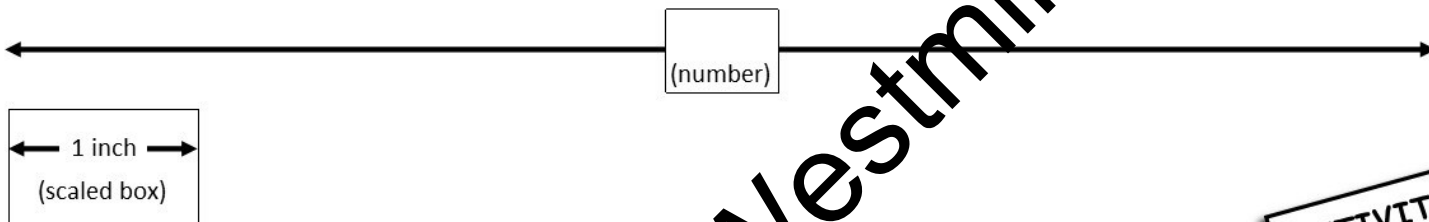
I SHOULD USE A TAPE MEASURE NEXT TIME!

TO COUNTING PARKING SPACES AND THE AMOUNT OF LANDSCAPING.

Hmm...is that a shrub or a haircut?



**MEASURING DISTANCE** - USE THE SCALED BOX BELOW TO DETERMINE THE LENGTH OF THE LINE. PUT THE LENGTH IN THE BLANK BOX:



**ACTIVITY**

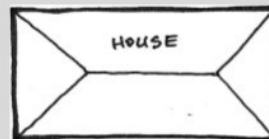
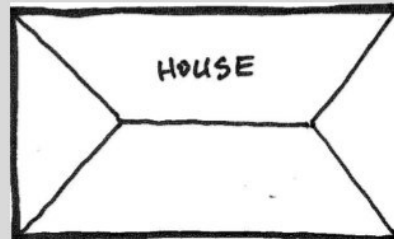
**CALCULATING AREA** - KNOWING AREA ALLOWS US TO UNDERSTAND HOW MUCH OF A BUILDING COVERS THE GROUND.

$$\begin{matrix} 5 \\ 5 \times 5 = \\ 25 \text{ sf} \end{matrix}$$

"AREA" USES "SQUARE FEET" AS THE MEASUREMENT, AND SQUARE FEET (sf) IS FOUND BY MULTIPLYING ONE SIDE OF A BOX TO ANOTHER.

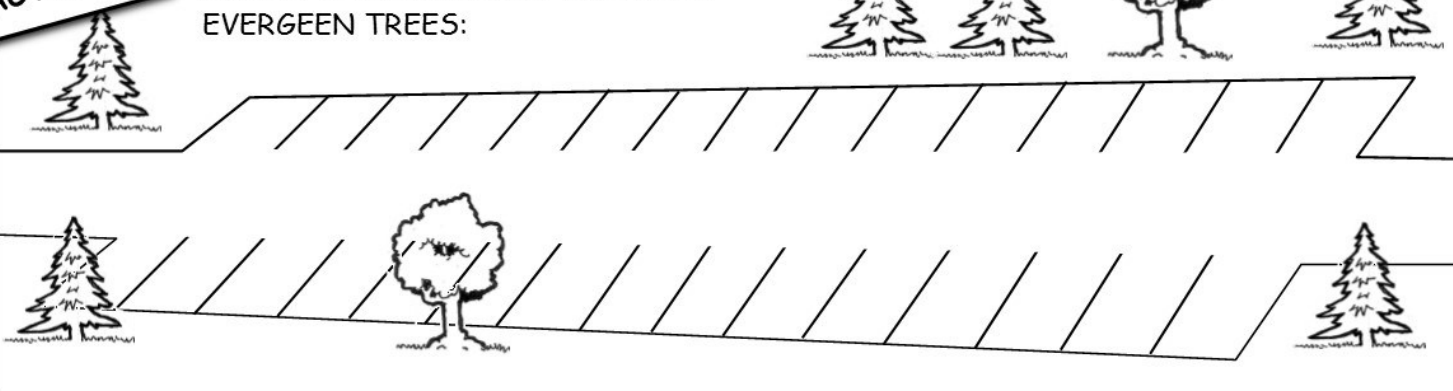
$$\begin{matrix} 100 \text{ sf} \\ \text{(scaled box)} \end{matrix}$$

PLEASE USE THE SCALE BOX TO DETERMINE THE AREA OF THE HOUSES TO THE RIGHT. WRITE THE ANSWER ON THE ROOF OF THE HOUSE.



**ACTIVITY**

COUNT THE PARKING SPACES AND EVERGREEN TREES:



# LANDSCAPING

LANDSCAPING IS VERY IMPORTANT FOR THE LOOK OF OUR COMMUNITY...



IT PROVIDES OXYGEN FOR THE ENVIRONMENT...



(UH, NEVER CUT DOWN A LIVE TREE AND SCUBA WITH IT...)

AND HOMES FOR OUR MANY ANIMALS...

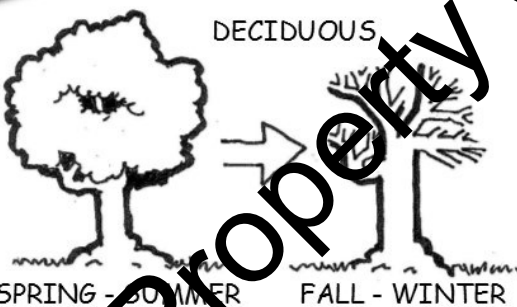


AS A PLANT OR TREE GROWS, THE ROOTS GO DEEP IN THE SOIL AND ACT AS FINGERS HOLDING ALL THE SOIL INTO PLACE.



FUN FACT

DID YOU KNOW A "DECIDUOUS TREE" LOSES ITS LEAVES IN FALL AND WINTER, AND AN EVERGREEN TREE KEEPS ITS LEAVES (NEEDLES) ALL YEAR LONG!



EVERGREEN  
(FOREVER GREEN)



EVERGREEN  
NEEDLES

FUN FACT

DECIDUOUS TREES ARE THE BEST TREE FOR THE SOUTH SIDE OF YOUR HOUSE BECAUSE IT COOLS THE HOUSE IN THE SUMMER (SHADE) AND WARMS IT IN THE WINTER (ALLOWS SUN THROUGH).



SUMMER



WINTER

# WORD FIND

ACTIVITY

TRY AND FIND ALL OF THE GLOSSARY TERMS IN THE BELOW WORD SEARCH PUZZLE:

NAME: \_\_\_\_\_ DATE: \_\_\_\_\_

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

PLANNING  
ZONING  
CIRCULATION  
SIGNS  
MATERIALS  
LANDSCAPING  
PARKING  
DRAINAGE  
WESTMINSTER  
PARKS  
OPEN  
SPACE  
CITY  
COUNCIL  
MAYOR

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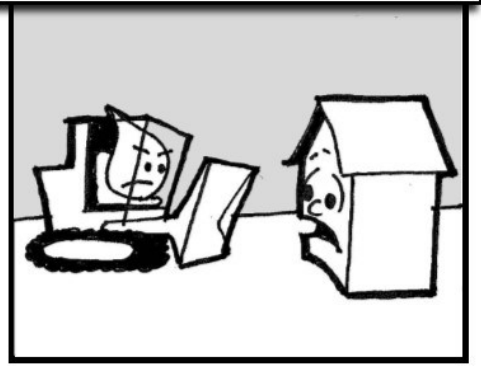


# DRAINAGE

DRAINAGE IS AN IMPORTANT PART OF PLANNING BECAUSE WE NEED TO KNOW WHERE THE RAIN WATER IS GOING...



WITHOUT A PLAN, WATER CAN DAMAGE YOUR HOUSE.



## FUN FACT

DID YOU KNOW THE GRAND CANYON WAS CREATED BY WATER?



THE COLORADO RIVER CARRIED THE CANYON THROUGH SANDSTONE.

## ACTIVITY



TAKE A BALL TO A NEARBY GRASSY HILL AND PLACE THE BALL ON THE SIDE OF THE HILL.

WHEN RAIN HITS THE GROUND IT WANTS TO DO THE SAME THING AS THE BALL - IT RUNS DOWNHILL!

THAT IS WHY IT IS SO IMPORTANT TO FIND WAYS TO HOLD THE WATER SO IT DOESN'T DAMAGE THINGS.

SOMETIMES THE BEST WAY TO CONTROL WATER IS TO HAVE IT FLOW INTO A POND OR A BOWL IN THE GROUND TO TEMPORARILY HOLD THE WATER UNTIL IT CAN BE SAFELY RELEASED.



THESE ARE KNOWN AS 'DETENTION OR RETENTION PONDS'.

## ACTIVITY

PLEASE LIST IDEAS HOW YOU COULD PREVENT WATER FROM DAMAGING YOUR HOUSE:

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

# SIGNS

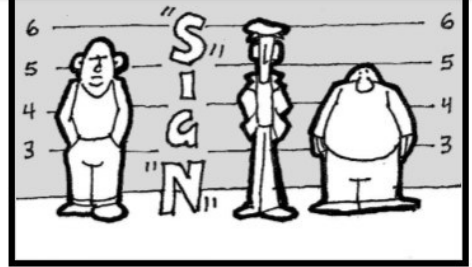
SIGNS ARE USED TO IDENTIFY, ADVERTISE, DIRECT AND ANNOUNCE ARRIVAL...



SIGNS CAN BE PLACED ON A BUILDING, NEAR A ROAD, OR ABOVE A ROAD...



WHETHER NEAR A ROAD OR BUILDING, SIGNS ARE NEEDED FOR IDENTIFYING...



THINK OF YOUR FAVORITE PLACE: A HIKE, SHOPPING AREA, PARK. HOW DID YOU GET AROUND? MORE THAN LIKELY A SIGN DIRECTED YOU FROM PLACE TO PLACE. BUT SIGNS CAN ALSO BE ATTRACTIVE AND ADD DESIGN TO A COMMUNITY.



ACTIVITY

PLEASE USE THIS SPACE TO DRAW A SIGN FOR THE CITY OF WESTMINSTER...

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## CREATE A COMMUNITY SERVICE FLYER!

ON THIS PAGE PLEASE CREATE A FLYER (TO HAND OUT) FOR SOMETHING YOU CAN DO TO HELP SOMEONE (SUCH AS RAKING LEAVES, SHOVELING SNOW, WALKING DOGS, ETC.). THIS CAN BE PRESENTED TO YOUR GRANDPARENTS, AUNTS AND UNCLES, OR A NEIGHBOR.

ACTIVITY

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# JUNIOR CITY PLANNER

THIS CERTIFIES THAT

---

HAS COMPLETED ALL OF THE ACTIVITIES

---

SIGNED BY YOUR PARENTS



## JUNIOR CITY PLANNER OATH

As a Junior Planner I promise to:

- Be a good citizen
- Help those less fortunate
- Pick up trash if I see it
- Recycle - separate from trash and recycle
- Report any dangerous situations I see
- Be a good neighbor and Be good to my family
- Make Westminster a great place to live!

Place this on your wall to let others know your new title!



WESTMINSTER

ACTIVITY

WE HOPE YOU HAD  
FUN!

Continue the fun by drawing and coloring within the outline below...



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WESTMINSTER

