



Mission 1: 5th Grade OPERATION Neighborhood Exploration



THANK YOU FOR BECOMING A SPECIAL AGENT OF THE SPREE FORCE. DID YOU KNOW THAT YOUR NEIGHBORHOOD IS CONNECTED TO MY NEIGHBORHOOD DOWN HERE AT THE SOUTH PLATTE RIVER? EVERY TIME IT RAINS, WATER (CALLED STORM WATER) FLOWS DOWN THE GUTTERS AND INTO HOLES IN THE STREET CALLED STORM DRAINS. THE WATER GOES IN BIG PIPES UNDERNEATH DENVER AND RUSHES INTO THE SOUTH PLATTE RIVER! THIS MEANS THAT THE SAME WATER THAT FLOWS BY YOUR HOME EVENTUALLY FLOWS BY MINE TOO!

YOUR MISSION, SHOULD YOU CHOOSE TO ACCEPT IT, IS TO EXPLORE YOUR NEIGHBORHOOD TO SEE HOW THAT STORM WATER GETS FROM YOU TO ME.

TAKE A WALK AROUND THE BLOCK (REMEMBER TO TAKE AN ADULT WITH YOU!) AND LOOK FOR THE STORM DRAINS THAT THE WATER FLOWS INTO.

1. DRAW A MAP OF WHERE YOU SEE THEM.
2. FILL A CUP, PITCHER, OR BUCKET WITH WATER FROM YOUR HOME, TAKE IT OUT TO THE CURB, AND POUR SOME WATER INTO THE GUTTER. WHICH WAY DOES THE WATER FLOW? MARK IT ON YOUR MAP USING AN ARROW.
3. POUR WATER INTO THE GUTTER IN AT LEAST TWO OTHER PLACES ON YOUR BLOCK AND WATCH WHAT DIRECTION THE WATER FLOWS. MARK IT ON YOUR MAP USING ARROWS.
4. STORM DRAINS ARE USUALLY BUILT IN PLACES WHERE STORM WATER WILL NATURALLY FLOW INTO THEM. BASED ON WHAT YOU HAVE SEEN, WHERE WOULD YOU EXPECT TO FIND A STORM DRAIN?

I WILL BE EXPLORING AROUND MY HOME (THE SOUTH PLATTE RIVER) TOO! BEING A SPECIAL AGENT MEANS BEING A GOOD INVESTIGATOR, KEEP UP THE GOOD WORK. YOU WILL NEED THESE SKILLS FOR YOUR NEXT MISSION TOO!

TURN THIS IN AS SOON AS YOU FINISH IT!

REMEMBER TO FILL OUT THE BOTTOM OF THE PAGE TO TELL ME ABOUT YOUR MISSION, AND THEN RETURN IT TO THE SPREE FORCE MAILBOX IN YOUR CLASSROOM!



Chompers

Chief SPREE Force Agent
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Pretend you are a raindrop that fell right in front of your home. Draw your map here of how you would get to the storm drain (and eventually the South Platte River) to come see me! Remember to use arrows to show which way the water is flowing and to mark where the storm drains are:



Agent Information:

First Name

Last Name

Teacher

School