

URBAN AND COMMUNITY FORESTRY ACTIVITY BOOK

WHAT IS AZDFFM?

Arizona Department of Fire and forest management (AZDFFM) manages and reduces fire risk to protect Arizona's people, communities and wild land areas.



WHAT IS URBAN COMMUNITY AND FORESTRY?

Urban Community and Forestry (UCF) is one of the programs under the DFFM and works directly with partners throughout Arizona. They work to build healthy and sustainable communities by promoting urban forestry awareness and by fostering legal action.

WHAT IS URBAN FORESTRY?

Urban forestry is the care and management of naturally occurring and planted trees and tree population in urban (city) settings for the purpose to improve the urban environment.



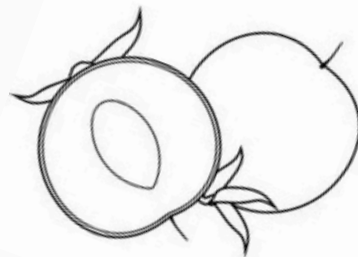
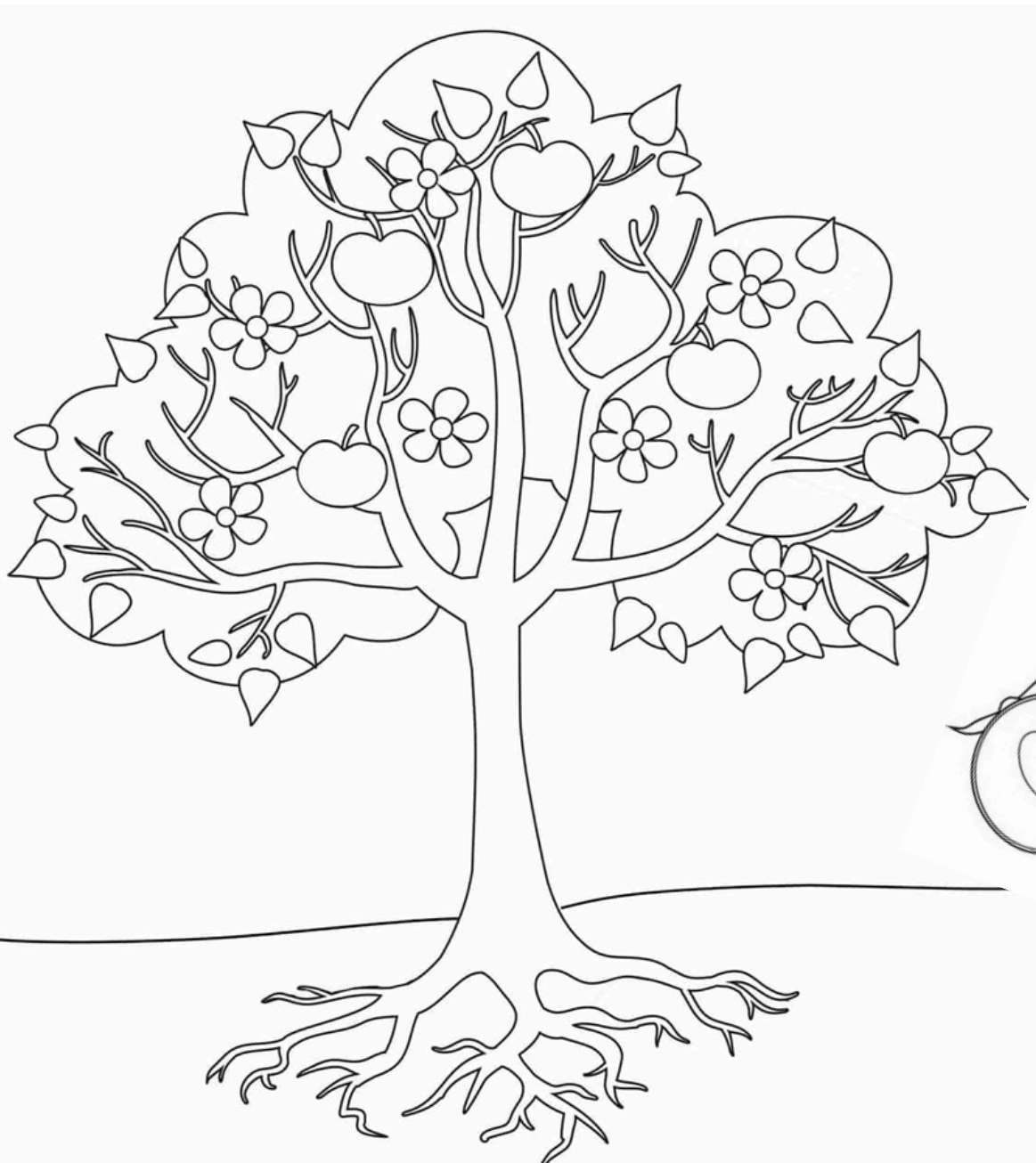
LEARN MORE ABOUT URBAN FORESTRY

[HTTPS://ONETREEPLANTED.ORG/BLOGS/STORIES/WHAT-IS-URBAN-FORESTRY](https://onetreeplanted.org/blogs/stories/what-is-urban-forestry)



URBAN AND COMMUNITY FORESTRY TREE INFORMATION

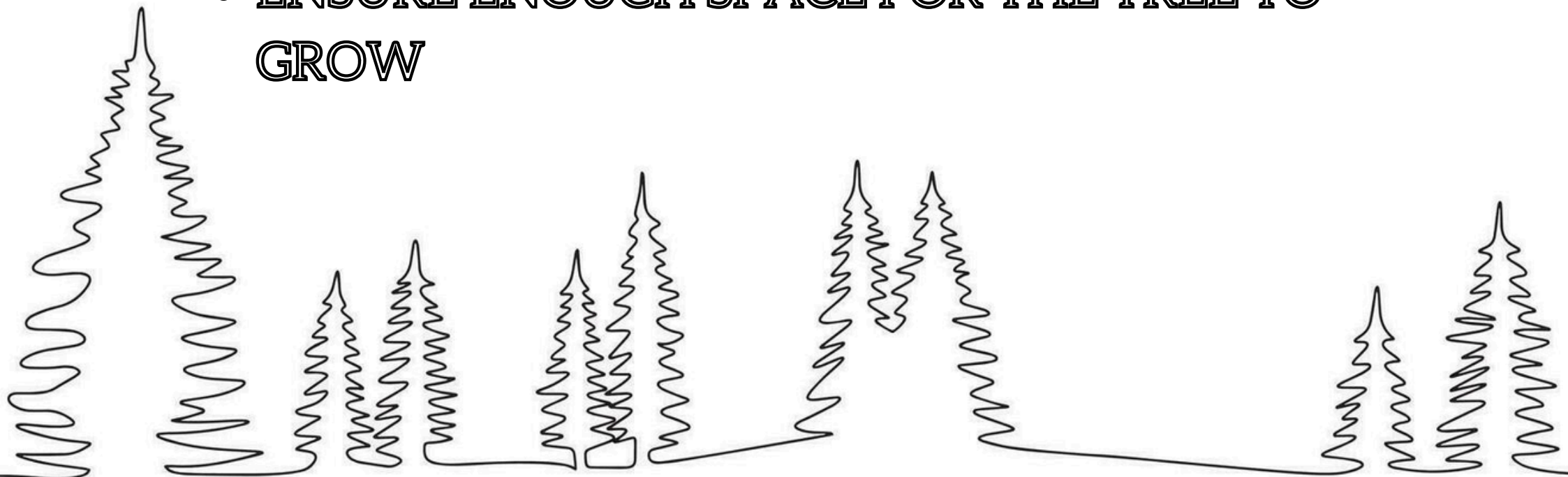
- **ROOTS**
 - ANCHORAGE, WATER ABSORPTION, STORAGE
- **TRUNK AND BRANCHES**
 - CONDUCTURES
- **BARK**
 - MODERATES TEMPERATURE, DEFENSE AGAINST INJURY, REDUCE WATER LOSS
- **LEAVES**
 - FOOD PRODUCERS FOR THE TREE





URBAN AND COMMUNITY FORESTRY RIGHT TREE RIGHT PLACE

- TREE SIZE AND SHAPE
 - CONSIDER THE MATURE SIZE AND SHAPE OF THE TREE
- SOIL TYPE AND MOSTURE
 - CHOOSE TREES THAT ARE ADAPTED TO LOCAL SOIL TYPE AND MOISTURE CONDITIONS
- SUNLIGHT AND SHADE
 - CONSIDER AMOUNT OF SUNLIGHT THE AREA RECEIVE AND THE AMOUNT OF LIGHT THE TREE NEEDS
- PROXIMITY TO UTILITIES
 - ADVIOD PLANTING TREES CLOSE TO POVER LINES OR UNDERGROUND UTILITIES
- SPACE CONSTRAINTS
 - ENSURE ENOUGH SPACE FOR THE TREE TO GROW

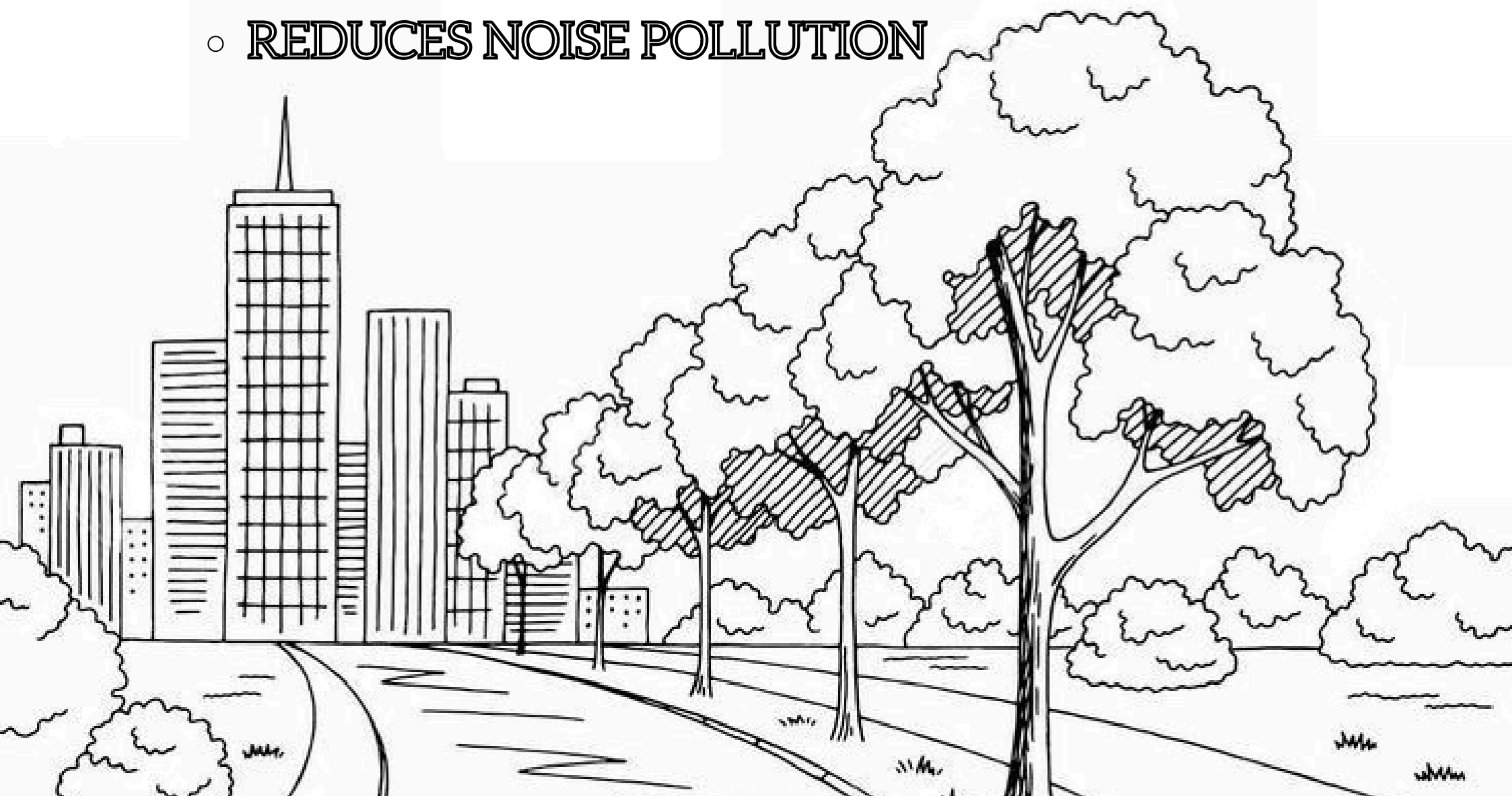




URBAN AND COMMUNITY FORESTRY

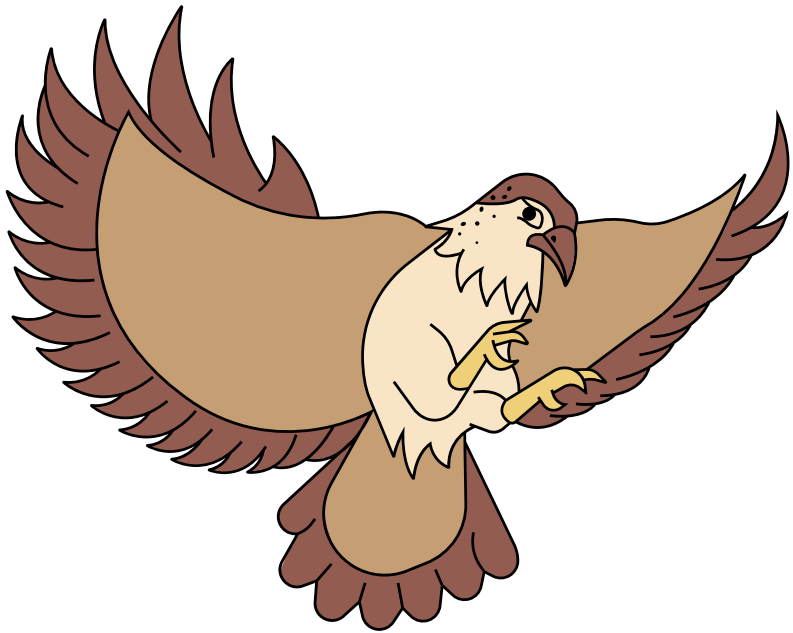
BENEFITS OF URBAN TREES

- ENVIRONMENTAL
 - IMPROVE AIR QUALITY
 - PROVIDE HABITAT FOR WILDLIFE
- ECONOMIC
 - INCREASES RESIDENTIAL AND BUSINESS VALUES
 - ATTRACTS VISITORS, BUSINESSES AND NEW RESIDENTS
 - ENCOURAGES PEOPLE TO LINGER
- PSYCHOLOGICAL AND SOCIAL
 - REDUCES STRESS/MENTAL FATIGUE
 - ENHANCES MENTAL HEALTH
 - REDUCES NOISE POLLUTION



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WHY DO COMMUNITY FORESTS MATTER?



In Arizona community forests account for only 5.3% of the land but are estimated to store about 9.0 metric tons of carbon, annually removing about 297,000 metric tons of carbon and 8,760 metric tons of carbon. Urban forests in Arizona offset the carbon dioxide produced of about 62,500 passenger vehicles per year.

CHALLENGES OF URBAN FORESTRY.

Some of the challenges that urban forestry faces are compaction, restricted spacing, damage to roots due to construction, chemicals and salts, urban heat island effect, species diversity and lack of connectivity.



WHAT CAN YOU DO TO HELP?

You can help by planting trees in your backyard or attend a tree planting event in your neighborhood or somewhere else. You can also help by staying educated about the benefits of urban forests and advocating for more trees in urban areas.

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

FIND THESE WORDS IN THE PUZZLE

ARBOR DAY

ARBORICULTURE

BENEFITS

COMMUNITY FORESTS

MAINTENANCE

PHOTOSYNTHESIS

PRESERVATION

STEWARDSHIP

TREE CARE

URBAN FORESTRY

