

SARA PENNYPACKER

# Waylon!

One Awesome Thing

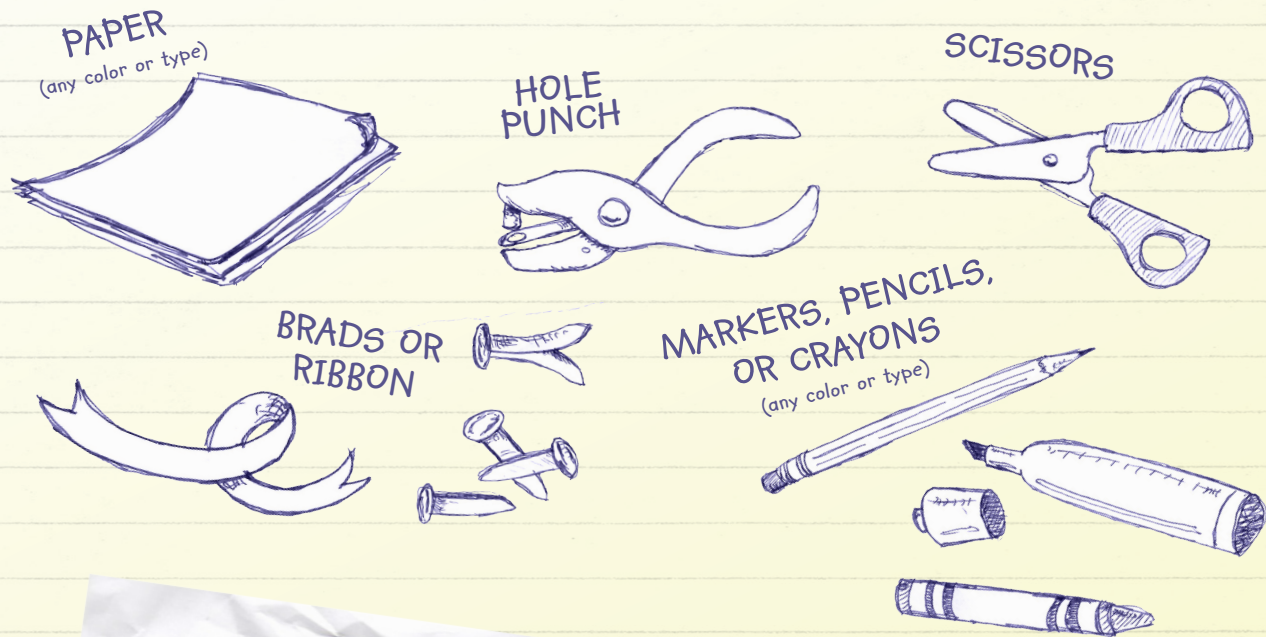
Downloadable  
Activity Kit

PICTURES BY  
*Marla Frazee*



# Create Your Own Science Journal!

Waylon purchases a journal so he can create the "*SCIENTIFIC LIFE'S WORK OF WAYLON JENNINGS ZAKOWSKI*." Now you can create your own journal—to record *your* scientific discoveries and ideas. Use something as simple as a spiral notebook and pencil, or get creative and make your own journal using these supplies:



- ① Decide on the size of your journal and then cut the paper into sheets of that size.
- ② Punch two or three holes along the left side of each sheet of paper. Make sure the holes all line up.
- ③ Hold the paper together with brads or ribbon.
- ④ Decorate and name your journal with markers, pencils, or crayons.
- ⑤ Make sure to record your most stunning scientific discoveries and ideas!

# Pick Your Own Science-y Name... It's Elemental!

In *Waylon! One Awesome Thing*, Waylon's sister Charlotte has renamed herself "Neon" — an element within the Periodic Table of the Elements. If you could pick a new name from the elements, what would it be and why?

*Examples: "I want my name to be Nickel, because I'm so shiny!"*  
*"I run really fast, so my name should be Mercury!"*

To learn more about the different elements, check out a book at your library, or search online!

## YOUR ELEMENTAL NAME AND WHY YOU SELECTED IT:

OTHER NONMETALS		ALKALI METALS		ALKALINE EARTH METALS		NOBLE GASES		METALLOIDS		HALOGENS		TRANSITION METALS		POST-TRANSITION METALS		LANTHANOIDS		ACTINOIDS	
<b>H</b> HYDROGEN 1																			<b>He</b> HELIUM 4
<b>Li</b> LITHIUM 7	<b>Be</b> BERYLLIUM 9									<b>B</b> BORON 11	<b>C</b> CARBON 12	<b>N</b> NITROGEN 14	<b>O</b> OXYGEN 16	<b>F</b> FLUORINE 19	<b>Ne</b> NEON 20				
<b>Na</b> SODIUM 23	<b>Mg</b> MAGNESIUM 24									<b>Al</b> ALUMINUM 27	<b>Si</b> SILICON 28	<b>P</b> PHOSPHORUS 31	<b>S</b> SULFUR 32	<b>Cl</b> CHLORINE 35	<b>Ar</b> ARGON 40				
<b>K</b> POTASSIUM 39	<b>Ca</b> CALCIUM 40	<b>Sc</b> SCANDIUM 45	<b>Ti</b> TITANIUM 48	<b>V</b> VANADIUM 51	<b>Cr</b> CHROMIUM 52	<b>Mn</b> MANGANESE 55	<b>Fe</b> IRON 56	<b>Co</b> COBALT 59	<b>Ni</b> NICKEL 59	<b>Cu</b> COPPER 64	<b>Zn</b> ZINC 65	<b>Ga</b> GALLIUM 70	<b>Ge</b> GERMANIUM 73	<b>As</b> ARSENIC 75	<b>Se</b> SELENIUM 79	<b>Br</b> BROMINE 80	<b>Kr</b> KRYPTON 84		
<b>Rb</b> RUBIDIUM 85	<b>Sr</b> STRONTIUM 88	<b>Y</b> YTTORIUM 89	<b>Zr</b> ZIRCONIUM 91	<b>Nb</b> NIOBIUM 93	<b>Mo</b> MOLYBDENUM 96	<b>Tc</b> TECHNETIUM 98	<b>Ru</b> RUTHENIUM 101	<b>Rh</b> RHODIUM 103	<b>Pd</b> PALLADIUM 106	<b>Ag</b> SILVER 108	<b>Cd</b> CADMIUM 112	<b>In</b> INDIUM 115	<b>Sn</b> TIN 119	<b>Sb</b> ANTIMONY 122	<b>Te</b> TELLURIUM 128	<b>I</b> IODINE 127	<b>Xe</b> XENON 131		
<b>Cs</b> CESIUM 133	<b>Ba</b> BARIUM 137		<b>Hf</b> HAFNIUM 178	<b>Ta</b> TANTALUM 181	<b>W</b> TUNGSTEN 184	<b>Re</b> RHENIUM 186	<b>Os</b> OSMIUM 190	<b>Ir</b> IRIDIUM 192	<b>Pt</b> PLATINUM 195	<b>Au</b> GOLD 197	<b>Hg</b> MERCURY 201	<b>Tl</b> THALLIUM 204	<b>Pb</b> LEAD 207	<b>Bi</b> BISMUTH 209	<b>Po</b> POLONIUM 209	<b>At</b> ASTATINE 210	<b>Rn</b> RADON 222		
<b>Fr</b> FRANCIUM 223	<b>Ra</b> RADIUM 226		<b>Rf</b> RUTHERFORDIUM 267	<b>Db</b> DUBNIUM 268	<b>Sg</b> SEABORGIUM 271	<b>Bh</b> BOHRIUM 272	<b>Hs</b> HASSIUM 277	<b>Mt</b> MEITNERIUM 276	<b>Ds</b> DARMSTADIUM 281	<b>Rg</b> ROENTGENIUM 280	<b>Cn</b> COPERNICIUM 285	<b>Uut</b> UNUNTRIUM 284	<b>Fl</b> FLEROVIUM 289	<b>Uup</b> UNUNPENTIUM 288	<b>Lv</b> LIVERMORIUM 293	<b>Uus</b> UNUNSEPTIUM 294	<b>Uuo</b> UNUNOCTIUM 294		
			<b>La</b> LANTHANUM 139	<b>Ce</b> CERIUM 140	<b>Pr</b> PRASEODIMIUM 141	<b>Nd</b> NEODYMIUM 144	<b>Pm</b> PROMETHIUM 145	<b>Sm</b> SAMARIUM 150	<b>Eu</b> EUROPIUM 152	<b>Gd</b> GADOLINIUM 157	<b>Tb</b> TERBIUM 159	<b>Dy</b> DYSPROSIUM 163	<b>Ho</b> HOLMIUM 165	<b>Er</b> ERBIUM 167	<b>Tm</b> THULIUM 169	<b>Yb</b> YTTERIUM 173	<b>Lu</b> LUTETIUM 175		
			<b>Ac</b> ACTINIUM 227	<b>Th</b> THORIUM 232	<b>Pa</b> PROTACTINIUM 231	<b>U</b> URANIUM 238	<b>Np</b> NEPTUNIUM 237	<b>Pu</b> PLUTONIUM 244	<b>Am</b> AMERICIUM 243	<b>Cm</b> CURIUM 247	<b>Bk</b> BERKELIUM 247	<b>Cf</b> CALIFORNIUM 251	<b>Es</b> EINSTEINIUM 252	<b>Fm</b> FERMIUM 257	<b>Md</b> MENDELEVIUM 258	<b>No</b> NOBELIUM 259	<b>Lr</b> LAWRENCIUM 262		

# Science-y Words Search

See if you can find these "Science-y" Words featured in *Waylon! One Awesome Thing*.

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

ADRENALINE

ATOMS

BIONIC

ELECTRONS

FUNGUS

GRAVITY

HOLOGRAM

MAGNETS

MITOSIS

MUCOUS

OXYGEN

QUARKS

SIGNAL

TELEPORTATION

VIRUS

# Selfie Science Scavenger Hunt!

A bookstore or library is the perfect place for a **Selfie Science Scavenger Hunt**.

Play in teams or by yourself. Search for the items listed in the Scavenger Hunt. Take a photo of yourself or your friends with the items. If you don't have a cell phone, write the location of where you found the item. The person or team that "collects" the most items on the list wins!

## A BOOK ABOUT MARIE CURIE

Location: \_\_\_\_\_

## A BOOK OR MAGAZINE WITH A PICTURE OF A SHARK ON THE COVER

Location: \_\_\_\_\_

## A BOOK ABOUT ZOMBIES

Location: \_\_\_\_\_

For more fun, if you are taking a photo, pose with the book like a zombie would, or have your friends pose as zombies!

## GRAVITY! LOCATE THE EVIDENCE OF GRAVITY BY FINDING A PENCIL, PAPERCLIP, OR BOOKMARK ON THE FLOOR

Location: \_\_\_\_\_

## A BOOK THAT WAS WRITTEN BY CHARLOTTE BRONTË

(Weylon's sister was named after this author.)

Location: \_\_\_\_\_



# Trivia Questions from *Waylon! One Awesome Thing*

Test your memory after reading this **AWESOME** book!



- ① What did Waylon's mother want to name him (what was her first choice for a name)?
- ② What does Arlo name his team?
- ③ What is Waylon's absolute favorite condition in Chapter 5, "Bizarre but True" in *The Science of Being Human*?  
A) Internal Clock Disorder  
B) Alien Hand Syndrome  
C) Jumping Foot Complication
- ④ What character did Waylon's dad dress up as when he worked as a living statue on the weekend?
- ⑤ What is the name of the game that Waylon makes up with these initials: OAT?
- ⑥ How many years has Mrs. Fernman been teaching the fourth grade?  
A) Two  
B) Twelve  
C) Thirty-Nine
- ⑦ What is the name of the new student who joins Waylon's fourth grade class?
- ⑧ What type of lamp does Waylon have on his bedside table?
- ⑨ What does Neon often "aim" at Waylon?
- ⑩ Where does Waylon leave his journal?

# Waylon! Word Scramble

Unscramble the letters to create words from the book *Waylon! One Awesome Thing*.

Definitions or hints are included to help you with the word scramble!

The first name of the main character in this book.

Y L O N A W \_\_\_\_\_

Lava can flow out of this opening in the Earth's surface.

C A N Y O O L \_\_\_\_\_

A narrow bridge of land that connects two larger land masses.

S U M S T H I \_\_\_\_\_

Similar to a diary—an item to record personal observations and ideas.

N A L J O U R \_\_\_\_\_

A very spiny, hard item that can be found on pine trees.

P I N N O C E E \_\_\_\_\_

The basic building block for all matter in the universe.

M A T O \_\_\_\_\_

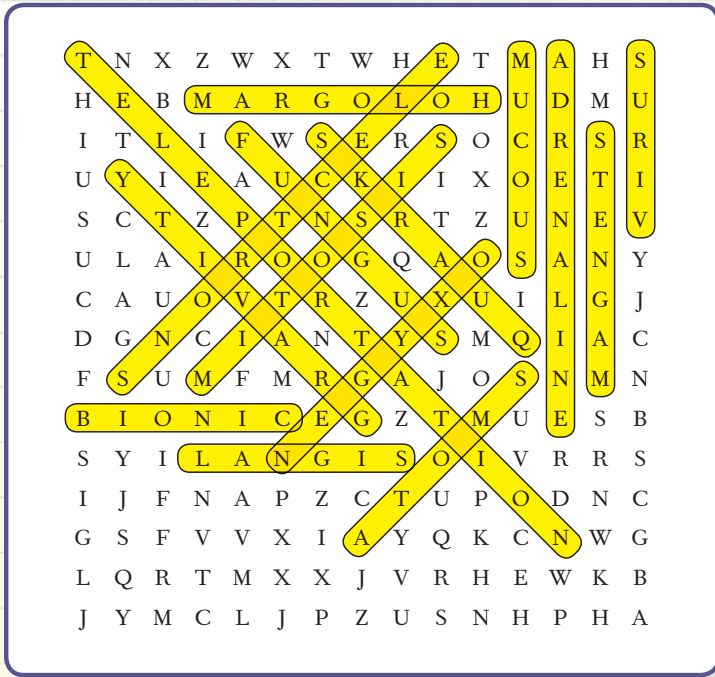
An insect that produces a small amount of light from its body.

W M O O R G L W \_\_\_\_\_



# Answer Key

## Science-y Word Search



## Trivia Questions

- ① Copernicus
- ② Shark Punchers
- ③ C) Alien Hand Syndrome
- ④ Benjamin Franklin
- ⑤ One Awesome Thing
- ⑥ C) Thirty-Nine
- ⑦ Baxter Boylen
- ⑧ Rocket Ship Lamp
- ⑨ The Glare
- ⑩ The Police Station

## Waylon! Word Scramble

The first name of the main character in this book.

WAYLON

Lava can flow out of this opening in the Earth's surface.

VOLCANO

A narrow bridge of land that connects two larger land masses.

ISTHMUS

Similar to a diary—an item to record personal observations and ideas.

JOURNAL

A very spiny, hard item that can be found on pine trees.

PINECONE

The basic building block for all matter in the universe.

ATOM

An insect that produces a small amount of light from its body.

GLOWWORM