JAKE IN SPACE

ACTIVITIES

Jake in Space is a series of sci-fi adventure stories full of action and suspense. Jake lives in the future. His home base is a space station on Earth but he travels throughout the solar system, solving mysteries and thwarting villains before they can carry out their evil plans. In each story, the Central Intergalactic Agency (CIA) sends its cyborg, Henry, on a secret mission. Jake ends up helping his cyborg friend but things never seem to go according to plan.

Candice is an Author, Freelance Writer and Editor. She also teaches and runs writing workshops as well as running an editing and manuscript development service.
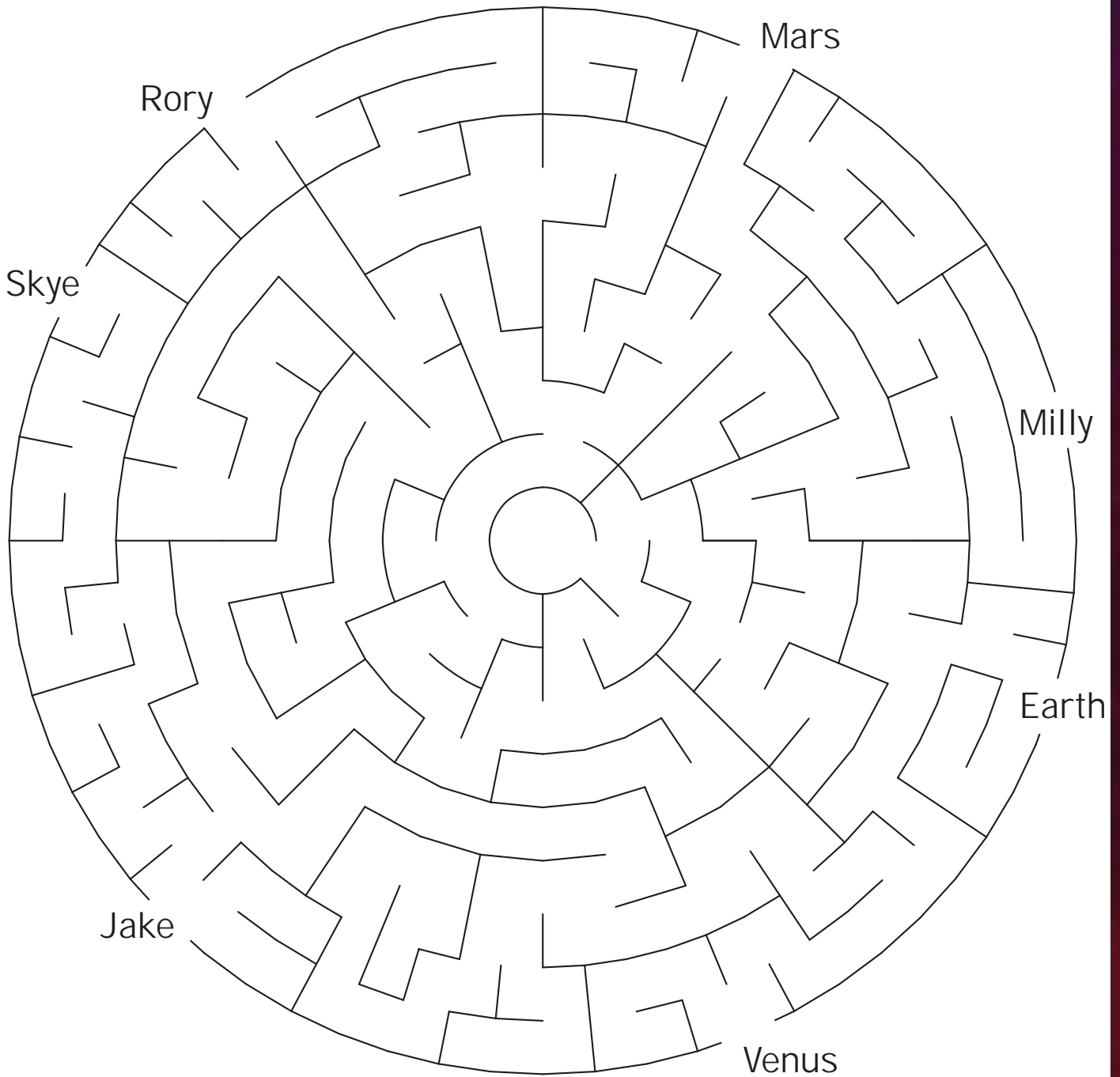
UNSCRAMBLE THE SOLAR SYSTEM WORDS

1. TRSA _____

2. RMSA _____

3. ONMO _____

4. ITOBR _____

5. ECPSA _____

6. MTECO _____

7. LXAYGA _____

8. USN _____

9. USVNE _____

10. THERA _____

11. UAUSRN _____

12. TPNNEEU _____

13. TIRJEUP _____

14. AELTPN _____

15. TUNSAR _____

16. KLYMI AYW _____

17. CKBAL OEHL _____

18. UOANTASTR _____

RESCUE MISSION!

Take the characters to their home planets:

Mars

Rory

Skye

Milly

Earth

Jake

Venus
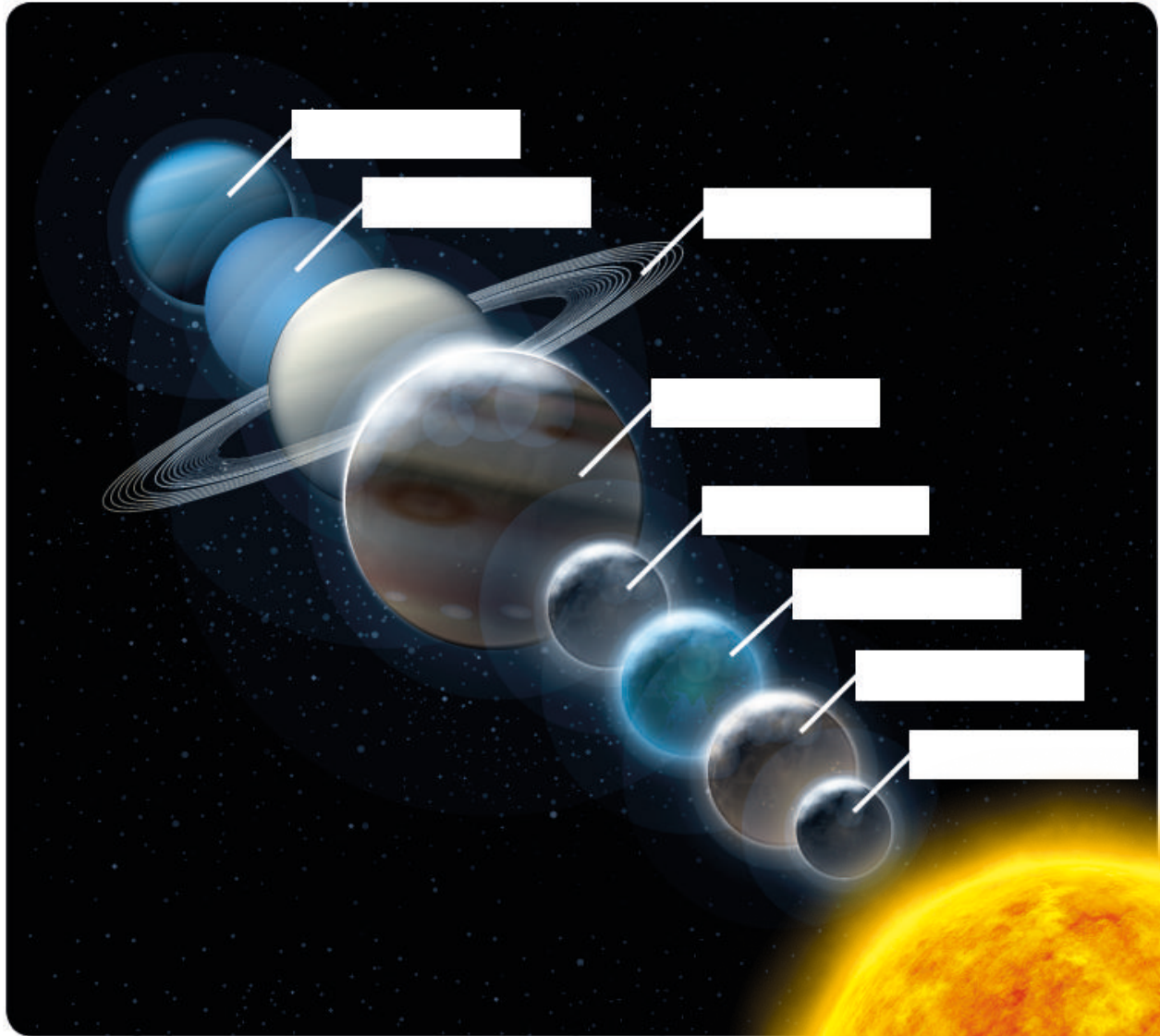
Rory - Mars
Jake - Earth
Milly and Skye - Venus

THE PLANETS

Name the planets.
Which are cold planets and are hot?

Hot: _____

_____

Cold: _____

_____

SUN

CRACK THE CODE AND SAVE THE EARTH

Jake and his friends receive clues to reach each planet.
Crack the morse code messages to find the planets.

1. This planet has more volcanoes than any other planet in the solar system, with an estimated 1,600.

• • • ▬   •   ▬ •   • • ▬   • • •

Answer: _____

2. This planet has more than 50 moons in its orbit.

• • •   • ▬ ▬   ▬   • • •   • ▬ •   ▬ •

Answer: _____

1. This planet has thousands of craters on its surface.

▬ ▬   •   • ▬ •   ▬ • ▬ •   • • ▬   • ▬ •   ▬ • ▬ ▬

Answer: _____

MORSE CODE:

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

THINGS TO DO AND TALK ABOUT:

JAKE IN SPACE: MOON ATTACK

1. Jake and his friends have to work together to solve a mystery and complete a secret mission. When have you had to work with others as part of a team? For example, team sports, school projects, community groups. What was easy and what was hard about it? What was your role in the group and how did you help?

2. How are friendships formed in Moon Attack? Why do these friendships become important in the story and how are they put to the test?

3. Do you think it is better to work alone or as part of a group? Why?

JAKE IN SPACE: ROCKET BATTLES

1. In Rocket Battles, Jake and his friends travel to the planets of the solar system. Which planet do you think would be the most habitable? Which planet would you like to visit?

2. Can you remember what were some of the clues for the different planets as Jake and his friends raced around the solar system?

3. Choose one of the planets in the solar system and describe what it is like.
- What does it looks like?
- What temperature is it?
- How is it the same and how is it different to Earth?
- What might you like or dislike about living there?

JAKE IN SPACE: ROBOT GAMES

1. Henry is an important character in the Jake in Space series. He works for the Central Intergalactic Agency (CIA) on secret missions. He is also a cyborg which is part human, part robot. Why is Henry well suited to being sent on secret missions? Would it be different if he was human?

2. In Robot Games there are robots, humans and Henry the cyborg. In the story, how do they differ and how are they the same? What role does emotion play in artificial intelligence compared to human life?

3. Draw your own cyborg. Think about what parts are human and what parts are robotic. How does it look and what does it do?

THINGS TO DO AND TALK ABOUT:

JAKE IN SPACE: VOLCANOES OF VENUS

1. In Volcanoes of Venus, someone wants to blow up the volcano because they are jealous. Have you ever felt jealous of someone getting praise for something you did, and how did you react? What would be a sensibe way to deal with this?

2. Jake and his friends discover that the Floating Hotel's rubbish is not being disposed of correctly. What do you think should have been done with the rubbish? How would you dispose of rubbish in a way that was good for the planet? Think about what we do on Earth with rubbish; should Venus have a recycling system?

JACK IN SPACE: MERCURY RISING

1. In Mercury Rising, Jake admits to being scared in the dark tunnels in Mercury when they are trying to find the bombs. Jake and his friends are brave in the face of danger, and help each other, can you think of examples of this? Has there been a time when you were scared of something? What did you do, how did you overcome that fear? Did you have someone who helped you?

2. In this book some familiar faces return, with two super-villains joining forces. There is also an unexpected third member who joins their team. Have you read any other books where there were people who you thought were good characters who turned out to be bad? Did you guess who was good and who as evil?

JAKE IN SPACE: SAVING SATURN

1. Jake and his friends encounter real life pirates on Saturn. The pirates discover gold and use slaves to mine it. How are space pirates like our idea of traditional pirates who sail ships? Do they like the same things? What is their motivation? Draw a picture of what the space pirates might look like. Remember in the books they are decribed as wearing fine clothes and jewellery.

2. On the rescue mission, Spitfire is almost left behind, but the team bravely go back to rescue him. There are lots of instances throughout the series where Jake and his friends are brave and daring, where they manage to save the day even though they are children. How are the children in the series more capable than the adults? Do you think you'd be a good CIA agent?

THE STORY

UNDERSTANDING:

- Narrative
- Writing Persuasively
- Author Intention
- Informative Writing
- Use of Language and Description
- Making Predictions

Jake in Space is a series of sci-fi adventure stories for kids. It's full of action and suspense, plus a little bit of weird stuff.

Jake lives in the future. His home base is a space station on Earth but he travels throughout the solar system, solving mysteries and thwarting villains before they can carry out their evil plans. In each story, the Central Intergalactic Agency (CIA) sends its cyborg, Henry, on a secret mission. Jake ends up helping his cyborg friend but things never seem to go according to plan.

Candice Lemon-Scott is the author of the Jake in Space series along with *Hubert and the Magic Glasses* and *Silver the Silly Sorcerer*.

ACTIVITY 1: THE PLANETS

1.Order the planets from closest to the sun. Which are called cold planets and which are called hot?
Answers:
Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune
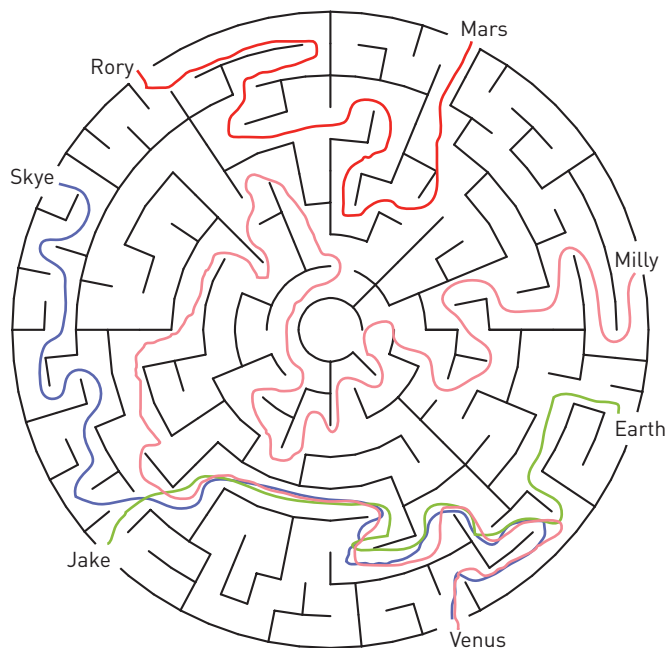*Hot: Mercury, Venus*
Cold: Jupiter, Saturn, Uranus, Mars, Neptune

ACTIVITY 2: HELP THEM GET HOME!

Take the characters to their home planets:

Answers:
- Jake – Earth
- Skye – Venus
- Rory – Mars
- Milly – Venus

ACTIVITY 3: CRACK THE CODE AND SAVE THE EARTH

Jake and his friends receive clues to reach each planet. Crack the morse code messages to find the planets.

1. This planet has more volcanoes than any other planet in the solar system with an estimated 1,600. *Answer: Venus*

2. This planet has more than 50 moons in its orbit. *Answer: Saturn*

3. This planet has thousands of craters on its surface. *Answer: Mercury*

Have students make up their own secret code and see if other classmates can crack them.

ACTIVITY 4: UNSCRAMBLE THE SOLAR SYSTEM

1. TRSA .... star
2. RMSA .... mars
3. ONMO .... moon
4. ITOBR .... orbit
5. ECPSA .... space
6. MTECO .... comet
7. LXAYGA .... galaxy
8. USN .... sun
9. USVNE .... venus
10. THERA .... earth
11. UAUSRN .... uranus
12. TPNNEEU .... neptune
13. TIRJEUP .... jupiter
14. AELTPN .... planet
15. TUNSAR .... saturn
16. KLYMI AYW .... milky way
17. CKBAL OEHL .... black hole
18. UOANTASTR .... astronaut

THINGS TO DO & THINGS TO TALK ABOUT:

JAKE IN SPACE: MOON ATTACK

: cW g cb DYfgi Ug]jY K f]h]b[ž@]b_]b[DYfgcbU `9l dYf]YbW` k]h HYl hgž; fci d K cf_

%" < UjY ghi XYbhg X]gW gg hYUa !k cf_ UbX Zf]YbXg \]d`

&" ; Yh ghi XYbhg hc k cf_ Ug U hYUa UbX di h h\Y]f h\Ycf]Yg hc h\Y hYghžX]gW gg]b[Yj Ybhg]b h\Y hYl h

'" < UjY ghi XYbhg k f]hY U dYfgi Ug]jY d]YW cb hYUa k cf_žcf U a ch]j Uh]cbU `dcghYf

JACK IN SPACE: ROCKET BATTLES

: cW g cb 7ca dfY\Ybg]cb ⁄ 8YgW]dh]jY K f]h]b[

%" ; Yh ghi XYbhg hc g\ck k Uh h\Ym_bck UVci h gdUW "< UjY h\Ya W\ccgY U d UbYhžfYgYUfWX]h UbX `gh gca Y]bhYfYgh]b[ ZUW g h\YmX]gWjYf" 8]gW gg Ug U `fci d k]W\ k ci `X VY h\Y a cgh\UV]HUV`YžbYl hhc 9Ufh\"

&" Hc i bXYfghUbX h\Y gYei YbW]b[cZ YjYbhgž\UjY h\Y ghi XYbhg fYW\ `h\Y Wi Yg Zcf h\YX]ZZYfYbh d`UbYhg Ug >U_Y UbX \]g Zf]bXg fUW UVci bX h\Y gc Uf gmghYa "; Yh h\Ya `hc h\]b_ UVci h ghfi Wi fY ]b U ghcfmUbX `ck h\Y d cth\Ug hc \UjY U VY[ ]bb]b[ža]XX`Y Ub XbX

'" < UjY ghi XYbhg]a U[ ]bY h\Ymj]g]h h\Y f WcgYb d UbYh 5g_ h\Ya hc hY``i g k Uh]hg'`]_ Y" H\ ]g'g U `[ccX cddcfh b]hmhc Yl d cfY i g]b[U jUf]YhmcZbci bgž jYfVgžUX YYW]jYg UbX UXjYfVg"

JAKE IN SPACE: ROBOT GAMES

: cW g cb 8YVUhY UbX B UffUh]jYž5fh]K cf_

%" 8]gW gg h\Y cf[g k h\ gh] XYbhg UbX \ck h\]g fY UhYg hc a YX]U `g W YYbWY" 8]gW gg k \Uh UfY fcVchg`]_Y bck UbX\ck Xc h\Ym\]b_ gW YbhZWUbX hYVX`c`c[ ]W UXjUbW a Ybh\k]``UZZYWh\ \UhfcVchg UfY `]_Y]b h\Y Zi i fY3

&" < c X U WUgg XYVUhY UbX X]gW gg h\ci [\H dfcjc_]b[cd]Wg gu VX Ug.]g < Ybfma cfY fcVch cf\ i a Ub Xi Y hc \]g dYfgcbU]hmUbX Ya dUh\ m3 e]h]ZU]f hc hfYUh fcVchg X]ZZYfYbh m hc \i a Ubg3 FcVchg UfY WFUhYX hc \Y`d i gžgc XcYg h\ Uh a YUb k Y g\ci `X VY_]b `XX_ f Y cf Wh\ Ya `UbX h\Ym UfYbfh]U `ck YX h\Y]f ck b cd]b]cbg3 G\ci `X `f cVch g`VY a UXY k]h\ ZYY! k]`` cf VY UV`Y hc bch VY dfc[fUa a YX3

'" Gh XYbhg WUb WFYUhY h\Y]f ck b WVcf[`" H\ Ym WUb XfUk cf XYg][b U h\ fYY! X]m Ybg]cbU cbY cZh\Y]f ck b" H\]b[g hc h\]b_ UVci h UfY k \Uh dUfhg UfY \i a Ub UbX k \Uh dUfhg UfY fcVch]W3 < ck XcYg]h cc_ UbX k \Uh\UWb]hXc3
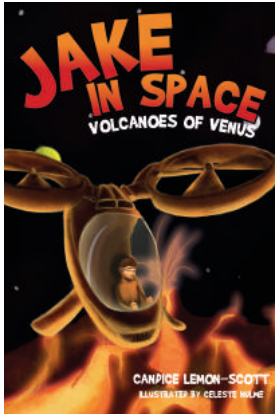
THINGS TO DO & THINGS TO TALK ABOUT:

JAKE IN SPACE: VOLCANOES OF VENUS

: cW g cb DYfgcbU `9I dYf]YbW ž; fci d K cf_

  %" < Uj Y ghi XYbhg X]gW gg Ya ch]cbgž UbX g\UfY k \Yb h\Ymfj iY ZY`h ^YU`ci g" Hfmfc`Y! d`Um]b h\Y X]ZZYfYbh Ya ch]cbgž a UmVY UW]b `ci h\U g W Yb X]ZZYfYbh k Umg" H\]b_ UVci h k \UhW Ugg dfc YWh k \Yf mci fYWWWY cb 9Ufh ž[Yhh]b ]bjc jYX k ]h `cWU' dfc YWhg cf gYhh]b]i d gca Yh\]b]b gWW cc"" 9bW UfU[Y ghi XYbhg hc a U_Y dcgh Yf g hc \][\ ][\ h fYWWW]b `]ggi Ygž[Yhh\ Ya `hc k f\Y Ufh]Wg hc VY `ZUh fX]b gW X cc` a U[Uz]bYgž#`c g cb X]gd Um"

  &" ; Yh]ghi XYbhg hc k cf_ Ug U hYUa UbX cma Y i d k]h k Umg hc cma VUh k UghY#YbVci fU[Y fYWWW]b"" ci `WUb i gY JYbi g UghUfh]b dc]bh UbX XYjY dd h ]g k cf_ ]bhc U WWUgg dfc YW k \YfY mci fWWWW cb 9Ufh ž [Yh]b `]bjc jYX k \h `cWU `dfc YWhg cf gYhh]b]i d gca Yh\]b]b gWW cc""9bW UfU[Y ghi XYbhg hc a U_Y dcghYfg hc \][\ ][\ h fYWWW]b `]ggi Ygž[Yh h\ Ya `hc k f\Y Ufh]WYg hc VY `ZUh fYX ]b gWW cc` a U[Uz]bYg#`c g cb X]gd Um"

JACK IN SPACE: MERCURY RISING

: cW g cb 8YgW f]dh]Y K cf]h]b[ž; fci d K cf_

  %" ; Yh]ghi XYbhg hc k fhY U d]YWY cZ WfYUh]Y k f]h]b[UVci h ZUf ži g]b[h\Y XYgW f]dh]Y `Ub[ i U[ Y" 9bW Ufi fU[ YXgW gg cb `b[fci dg UVci h k \Yb >U[Y UbX `\]g ZZ]YbXg UfY VfUj UbX k \Yh Yf h\Y ghi XYbhg k ci `X `Xc h\Y gUa Y h\]b `b U g]a `Uf g]hi Uh]cb" < Uj Y h\Ym \Y dYX gca YcbY k \c k Ug gWUfYX cf UjY YYb \Y dYX k \Yb h\Ymbf YYXYX hc VY VfUj Y3 H\]b_UVci hg]hi Uh]cb k \YfY fmUj fm]g bYYXYX UbX h]a Yg k \Yb mci Xcbfh UjY hc VY VfUj Y"

  &" < Uj Y h\Y W UWgg X]gW gg h\Y Wcc g]h\Ym\Uj Y fYUX UbX k \mh\Ym`]YX UbX `]YX h\ Ya žYgdYYUžU `mfY Uh]b `\c WUfUWUY Uhfg"8c `mci `gca Yh a Yg`]Y h\Y Yj `]U] `U Ubg Ug h\ YmUfY bch k \c `mVUXZcf`UfY gca Y `[ccX `dYcd`Y `bch UX `[cXz`]Y Ubh\]! \ YfYYgfYYUhhc a cXYf`Vca]W WXcc g UbX Z]a `żgYXUWh `]a žYfUbWY 87 UbX A Ufj Y""5`gc h\ ]b_ UVci h]k ]ghg ]b d`cghgž\cw Ub Ui h cf WUb `YUX mci `hc VY`]Yj YcbY h\]b h\ Yb gi fdf]gYmci " I gYh]\]g Ug U VUg]gZcf UfYUmh]b[ UVci h `UWhjh m]k \ YfY h\Y ghi XYbhg`bYY XYUb Ub bYXY UVYfhXk gh"

JAKE IN SPACE: SAVING SATURN

: cW g cb 5fh]k cf_ ž8YgWf]dhjY K cf]h]b[ž; fci d `8]gW gg]cb

  %" 8]gW gg `dfUhg]k `h\ ghi XYbhg UbX `ck `h\ YmaUfY `dcfhfUmX" 8Y`jY `]bhc `h\Y fcc hg cZ `d fUh`]\]ghcf mUbX h\]b `UVci h\ck `h\ Ymk YfY `i gYX Ug U`[][i fY cZ ZYUf"; Yh]ghi XYbhg `hc a `]bX!a Ud k \Uh a U_Yg U`YgU`U f][]ccXfii d fUhY"Ghi XYbhg WUi `X WfYUhY U`XfUk]b cZ Uh\ Y `gdUWY `d fUhg UbX `k \Yh\ YmX]ZZYf`Zfca `ci f`hfUX]h]cbU `]XYU`cZ d fUhYg"

  &" 8]gW gg]b [fci dg k \ m>U[Y UbX `\]g ZZ]YbXg k cf_ Y Y`UgU hYUa ž h\]b_]bc]h`UVci h`ck `h\Ya U``UjY X]ZZYfbh dfUhcbU`h]YgVhi h`h\Uh'Ug U`hYUa U``g UfY `[ca Y `g a `UfhfU]hg" VY]b `_]bXžVfUjYžfž[cf`[j]b]b"`U""H\]b_UVci h k \Uh Uhf]Vi h Yg `UfYjU i i YX `b Zf]YbXgž]dd UbX `k \U k ci `X `Vcc`X] Zff VYcb `U 7=5 U [YbžUfY h\Ya X]ZZYfbh 3`5fY `h\Y Z]fbXXg WYhfUhf]Ubgc`j]b `h\Ya a ghYf`Yg `VYWUi gY `h\ Ya UfY `WW`]Xf YbZ UbX k \m3

OTHER ACTIVITIES:

Story Endings and Point of View.
The Jake in Space books are told from the point of view of Jake, the main character. Try writing one of the story endings from the perspective of another character. It could be one of Jake's friends, the cyborg Henry or even one of the masterminds behind the evil plans Jake thwarts.

Using Descriptive Language.
Think about the use of all five senses to describe life in outer space. Have students recall some of the sights, sounds, tastes, smells and the feel of things Jake and his friends encounter. Choose a place for students to sit quietly for around ten minutes, preferably outdoors. Have them record everything they see, hear, taste, smell and feel in that time. As an extension challenge, students can write a descriptive piece based on this.

Making Predictions Based on Information.
Many of the futuristic concepts featured in Jake in Space come from scientific knowledge and predictions about space and its possibilities for human life. Have students predict how life will be on Earth and within the solar system in the next one hundred, one thousand and one billion years. They can discuss in groups or work individually to create a poster or other form of media to describe this.

Exploring Narrative & Author Intention.
Have students identify and discuss the setting, main character and idea behind the Jake in Space series. How are these elements put together to form a story and what is the author's intention?Students can come up with their own setting, main character and idea to form the structure for writing a story. What problem does the character have to overcome or solve?