

**Enrichment Activity Packet for:**

# perched for **PROGRESS**

**The Channel 24 Chronicles**



**M. N. Kollar**

# Perched for Progress: Enrichment Activity Packet

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All definitions taken from [www.learnersdictionary.com](http://www.learnersdictionary.com) unless otherwise noted.

This enrichment packet includes vocabulary work, group activities, as well as individual activities that all promote a further understanding and application of Perched for Progress. Each activity is adaptable to multiple grade levels, providing educators multiple opportunities to differentiate instruction and integrate other subject areas,, making this resource a must-have companion to Perched for Progress. Also included are answer keys for appropriate pages and a culminating activity option.

## **Snapshot of included packet resources:**

- ✓ worksheets with answer keys
- ✓ group discussion topics
- ✓ activities adaptable to independent, small or large group learning environments
- ✓ creative writing opportunities
- ✓ geographical skills
- ✓ historical connections
- ✓ mathematical application
- ✓ science integration
- ✓ space exploration education
- ✓ grammar
- ✓ vocabulary development
- ✓ Biblical integration
- ✓ Spiritual life application
- ✓ self-reflection

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Channel 24 Chronicles Perched for Progress	Unit Pages	Activities	Skills Addressed
Prologue	6 - 14	Vocabulary Control Tower worksheet Mapping Light and sound worksheet Game: Word Search Bible Connection-Worry Chapter Wrap-up	vocab development, reading comprehension, geography, creative writing, Biblical integration, big idea summary
CHAPTER -1- The Featherless Flight	15 - 22	Vocabulary Grammar-Oxymoron Flight Plan Space: Star Q and A Game: Crossword Puzzle Bible Connection-Stars Chapter Wrap-up	vocab development grammar, visual/spatial acuity, exposition, Bible connection, big idea summary
CHAPTER -2- First Encounter of the Tee Vee Kind	23 - 33	Vocabulary Grammar-Oxymoron Flight Plan Space: Star Q and A Game: Crossword Puzzle Bible Connection-Stars Chapter Wrap-up	vocab development grammar, visual/spatial acuity, exposition, Bible connection, big idea summary
CHAPTER -3- First Encounter of the Peep-el Kind	34 - 41	Vocabulary Space: Astrid's Bird-Skylab Bird Snack Recipe Grammar-Simile GAME – Decoder Bible Connection-Warnings Chapter Wrap up	vocab development, space connection, synthesis, grammar, decoding, Biblical integration, big idea summary
CHAPTER -4- First Encounter of the Kitty Kind	42 – 50	Vocabulary Monster Mash-Up Space: Viking mission Colonize Mars Drabble fun – ColonEyes GAME- crossword puzzle Bible Connection – Psalm 139 Chapter wrap-up	vocab development, fact or opinion differentiation, reading comprehension, artistic design, creative writing, Biblical integration, big idea summary

Channel 24 Chronicles Perched for Progress	Unit Pages	Activities	Skills Addressed
<p style="text-align: center;">CHAPTER -5- Astrid’s Story – Building a Community</p>	<p style="text-align: center;">51 – 63</p>	Vocabulary Grammar-Homograph Night and Day Home Sweet Home Teacher Card Astronauts and Aliens Game: Word Search Bible Connection-King David Chapter Wrap-Up	vocab development, grammar, science connection: animal activity and habitat, creative design, Biblical integration, big idea summary
<p style="text-align: center;">CHAPTER -6- Quasar’s Story – Feeding a Community</p>	<p style="text-align: center;">64– 73</p>	Vocabulary Holiday Hills and Mountains Model Rocket What Are They Eating? Space – Jumping Jupiter Bible Connection – Seeds Chapter Wrap-Up	Vocab development, creative design, science connection: animal diet, multiplication, Biblical integration, visual- spatial acuity, big idea summary
<p style="text-align: center;">CHAPTER -7- Luna’s Story - Healing a Community</p>	<p style="text-align: center;">74 – 81</p>	Vocabulary Distracted Days Space – Challenger Grammar – Homonyms Game: Word Search Bible Connection – Moses Chapter Wrap-Up	vocab development, personal application, space literacy, grammar, Biblical- cultural connection, big idea summary
<p style="text-align: center;">CHAPTER -8- Zenith’s Story – Counting on a Community</p>	<p style="text-align: center;">82 – 90</p>	Vocabulary Sweet Summertime Fraction Fun Advertisement: The Cat- erpult Space: The Eye in The Sky Game: Math Decoder Bible Connection–God’s Care Chapter Wrap-Up	vocab development, non-fiction writing, math: fractions, creative design, reading comprehension, decoding, Biblical integration, big idea summary
<p style="text-align: center;">CHAPTER -9- Nebula’s Story – Painting a Community</p>	<p style="text-align: center;">91 – 98</p>	Vocabulary Nebula’s Art Class Space – Johnson Space Center Stardust Art Game: Cell Phone Fun Bible Connection – Church Chapter Wrap-Up	vocab development, artistic impression, true/false discernment, decoding, Biblical integration, big idea summary

Channel 24 Chronicles Perched for Progress	Unit Pages	Activities	Skills Addressed
CHAPTER -10- Aurora's Story – Evolving a Community	99 - 109	Vocabulary Grammar – Homophones A-Mazing Mythology Space – Animal Astronauts Branches of Science Bible Connection – Genealogy Chapter Wrap-Up	vocab development, grammar, Mythology connection, visual/spatial acuity, reading comprehension, science connection, Bible integration, big idea summary
EPILOGUE	110- 115	Vocabulary Space X – Boarding Pass Full Circles – Venn Diagram Game: Decoding Bible Connection–Father's Day Chapter Wrap-Up	vocab development, space literacy, Venn diagram, decoding, creative design, big idea summary
Culmination Activity	116-118	BIRD BINGO	Fun! 😊

Name: \_\_\_\_\_

Date: \_\_\_\_\_

## PROLOGUE

# ABC VOCABULARY BUILDER ABC

**stunning** – 1. very beautiful or pleasing; 2. very surprising or shocking

**occasionally** – sometimes but not often

**vigilant** – carefully noting problems or signs of danger

**anxious** – 1. wanting or eager to do or have something; 2. afraid or nervous

*Use each vocabulary word in a sentence:*

stunning: \_\_\_\_\_

\_\_\_\_\_

occasionally: \_\_\_\_\_

\_\_\_\_\_

vigilant: \_\_\_\_\_

\_\_\_\_\_

anxious: \_\_\_\_\_

\_\_\_\_\_

*Sometimes words can have two meanings. Look at these sentences from our story:*

“James had a stunning view of the rocket launch from the airport control tower.”

*Write the definition that is the better match:* \_\_\_\_\_

“Fresh out of controller school, eager to learn and anxious to please...”

*Write the definition that is the better match:* \_\_\_\_\_

Name: \_\_\_\_\_

Date: \_\_\_\_\_

## CONTROL TOWER WORKSHEET

**IN OUR STORY:** James works in an airport control tower. He is “fresh out of controller school.” *Answer the following questions based on what you learn on the first page of the book.*

What is Air Traffic Control? \_\_\_\_\_

\_\_\_\_\_

What is James’ job title? \_\_\_\_\_

What does he do? \_\_\_\_\_

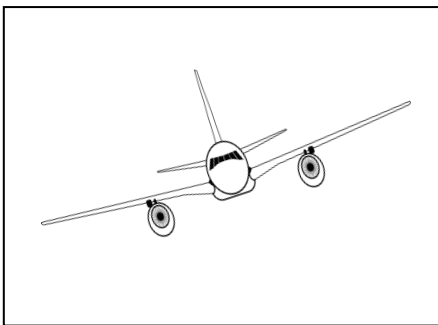
What instrument is used to monitor the location of aircrafts? \_\_\_\_\_

How do air traffic controllers talk to the pilots? \_\_\_\_\_

Describe how an airport air traffic control tower looks. \_\_\_\_\_

\_\_\_\_\_

Design your own air traffic control tower:



Control Tower Name:

Name: \_\_\_\_\_

Date: \_\_\_\_\_

## **MAPPING WORKSHEET**

James is close to where rockets are being launched into outer space. The first rocket launches were in Cape Canaveral in Florida.

Where is that state on a map?



Draw a map of your own state and label any places you know:

My State:



Name: \_\_\_\_\_

Date: \_\_\_\_\_

## **LIGHT AND SOUND WORKSHEET**

***IN OUR STORY:*** Astrid saw the light in the sky and then felt the rumble. That is because light travels faster than sound.

***Imagine:*** There is a storm raging outside. You are so lucky to be tucked inside, warm and dry with your family. You notice that you see the lightning before you hear the thunder. That is because light travels much faster than sound waves.

Are you hoping for the storm to go away? Well, you can estimate the distance of the lightning by counting how many seconds it takes until you hear the thunder. It takes approximately 5 seconds for the sound to travel 1 mile. If the thunder follows the lightning almost instantly, you know the lightning is too close for comfort!

Write a storm story. Use as many sight and sound description as you can.

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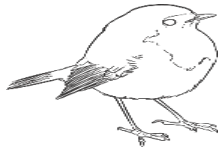
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scijinks.gov

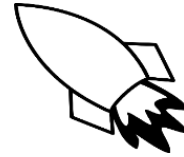


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### WORD SEARCH



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

AIRPORT

SOUND

BLAZE

BEAK

STORM

LIGHT

TOWER

CRISP

RADAR

WORRY

SKY

DREAM

ROCKET

GOD

DARK

FATHER

Name: \_\_\_\_\_

Date: \_\_\_\_\_

### **BIBLE CONNECTION**

*IN OUR STORY:* Astrid saw the light and felt the rumble. She did not know what it was. When she realized her father was aware of it but went back to sleep, she was calm. If he wasn't worried, then she wasn't worried.

1. Why do you think Astrid's father was not worried by the light or the sound?

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2. Share a time you were scared or worried about something and then your parents calmed you down?

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God knows everything that we are going through. What does the Bible say about worry?

*Don't worry about anything; instead, pray about everything. Tell God what you need, and thank him for all he has done. Then you will experience God's peace, which exceeds anything we can understand. His peace will guard your hearts and minds as you live in Christ Jesus*    Philipian 4:6-7 (NLT)

*Give all your worries to him, because he cares for you.*    1 Peter 5:7 (ICB)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

### CHAPTER WRAP-UP

*After reading the Epilogue, answer the following questions:*

What are you curious about so far in the story?

What are your best guesses about any questions you have?

What seems important?



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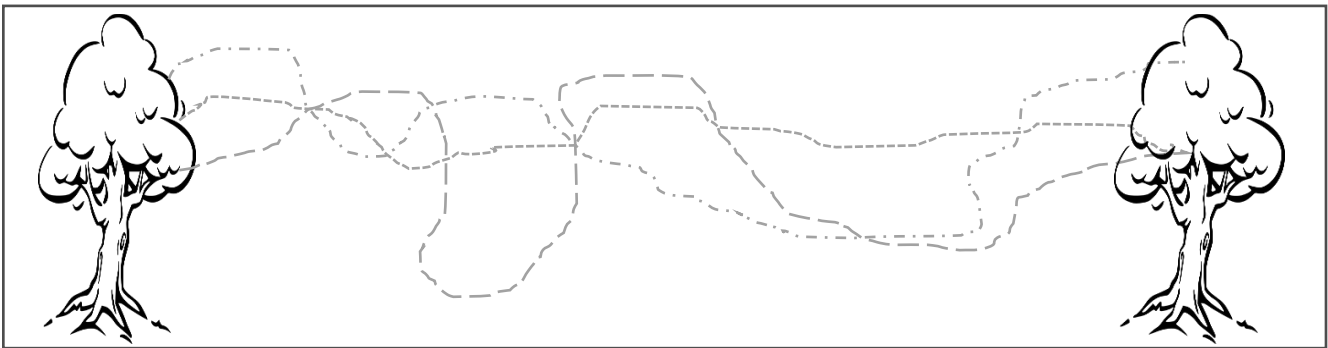
## FLIGHT PLAN

Why did Astrid need to be a good flyer to go to the box? \_\_\_\_\_

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Below are Astrid's flight paths since she has been practicing flying with her father.

1. Label them in order (1,2,3) from her first to second then third attempts.
2. Draw one more flight path that will really impress her father and show she is ready for the TV trip.



Some things are important to practice before you do them on your own or out in the world, such as crossing the street and riding your bike. Can you think of other examples? \_\_\_\_\_

Draw a 'flight plan' for your day. It could be from your house to school, to different places you inside your school, or from your bedroom to breakfast. It can be from your house to the park, etc.

My flight plan: From

To:

Name: \_\_\_\_\_

Date: \_\_\_\_\_



**STAR QUESTIONS AND ANSWERS**



**IN OUR STORY:** Astrid had a lot of questions for her father when she found out peep-el were traveling to outer space.

*Pretend you just found that the stars are place and not just pinpoints of lights in the sky. What 3 questions would you ask?*

1. \_\_\_\_\_  
\_\_\_\_\_
2. \_\_\_\_\_  
\_\_\_\_\_
3. \_\_\_\_\_  
\_\_\_\_\_

*This is harder! How would you answer those questions for someone who did not know anything about outer space?*

1. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
2. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
3. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



Name: \_\_\_\_\_

Date: \_\_\_\_\_

## **APOLLO 11 FACT SHEET - SMALL STEPS AND GIANT LEAPS**

**IN OUR STORY:** “Daveykins was born on the same day as the first man to walk on the moon.” – July 20, 1969, Neil Armstrong

DETAILS: The Apollo spacecraft had three parts. The command module (CM) housed the crew’s quarters and flight control. The service module (SM) was for the propulsion and spacecraft support systems. The CM and the SM when together, are called CSM. The lunar module (LM), took the crew to the lunar surface, supported them there, and returned them to the CSM in lunar orbit.”

[https://www.nasa.gov/mission\\_pages/apollo/missions/index.html](https://www.nasa.gov/mission_pages/apollo/missions/index.html)



### LAUNCH SEQUENCE

*Read the following information about the moon landing and answer the questions on the next page.*

1. Saturn V rocket launched Apollo 11 mission into space.
2. Three men were on the mission: Neil Armstrong, Buzz Aldrin and Michael Collins.
3. They blast out of Earth’s orbit and 3 days later they are in lunar orbit.
4. Michael Collins stays in the command module named *Columbia*.
5. *The Eagle* is the lunar module – the part that lands on the moon.
6. They land in the Sea of Tranquility – Famous Quote: “The Eagle has landed.”
7. Neil Armstrong is first to step on the moon - Famous Quote: “That’s one small step for a man, one giant leap for mankind.”
8. Buzz Aldrin followed and they spent 21 hours 36 minutes on the moon – including experiments, sampling and resting.
9. The Eagle goes back up and attaches to the command module.
10. They jettison the lunar module and the three men stay in the service module for reentering Earth and they land off the coast of Hawaii on July 24, 1969.

Name: \_\_\_\_\_

Date: \_\_\_\_\_

### **APOLLO 11 QUESTIONS**

*Study the fact sheet on the previous page and then answer the questions below:*

1. Circle the rocket that launched Apollo 11 into space:

Mercury V

Jupiter V

Saturn V

2. How many men were on the Apollo 11 mission?: \_\_\_\_\_

3. Name the lunar module: \_\_\_\_\_

4. Circle the name of the command module:

Colossus

Columbia

Comet

5. They landed in the \_\_\_\_\_ of Tranquility

6. How many men landed on the moon from Apollo 11?: \_\_\_\_\_

7. Circle the name of the 2<sup>nd</sup> Apollo 11 man to walk on the moon:

Buzz Buzby

Buzz Aldrin

Buzz Lightyear

8. The two men spent over 21 hours on the moon. Name something they did while there: \_\_\_\_\_

9. On the return trip to Earth, the men did not need the Lunar module so what is the word for what they did with it? It means to throw or drop:

Jettison

Jumped

Juiced

10. Circle where the men landed back on Earth. Off the coast of:

Hawaii

Africa

California



Name: \_\_\_\_\_

Date: \_\_\_\_\_

## MONSTER MASH-UP

**IN OUR STORY:** Astrid's friend says that peep-el are monsters for eating birds. People do eat birds, but are we monsters? Astrid talks to her father and begins to understand the difference between a fact and an opinion.

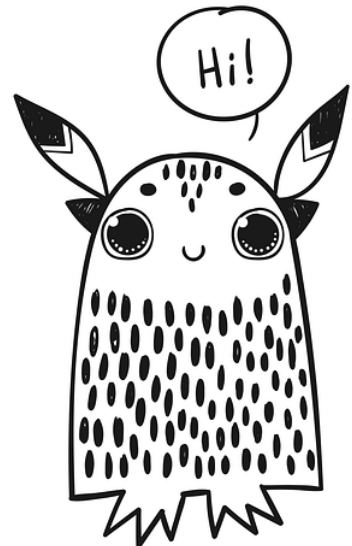
**FACT** – a true piece of information

**OPINION** – what someone thinks about a particular thing

*Label these statements as either (F) for fact or (O) for opinion:*

1. Some people eat birds: \_\_\_\_\_
2. People are monsters for eating birds: \_\_\_\_\_
3. Some birds eat worms: \_\_\_\_\_
4. Birds are mean for eating worms: \_\_\_\_\_
5. Alligators will eat a bird: \_\_\_\_\_
6. Alligators should not eat birds because birds are pretty: \_\_\_\_\_
7. Everyone needs food: \_\_\_\_\_
8. Everyone needs peanut butter and jelly sandwiches: \_\_\_\_\_
9. Everyone loves chocolate ice cream: \_\_\_\_\_
10. Everyone should read Perched for Progress: \_\_\_\_\_

**Bonus:** Monsters do not belong in closets: \_\_\_\_\_



Name: \_\_\_\_\_

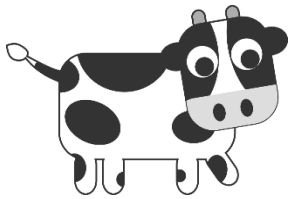
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### WHAT ARE THEY EATING?

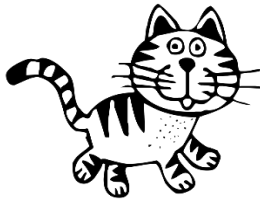
**IN OUR STORY:** Uncle Dan is concerned because David will not eat any birds. There are lots of different ways that people and animals eat. Here are the three main animal diets.

- Herbivore: only eat plants
- Carnivore: only eat meat
- Omnivore: eats both plant and animal

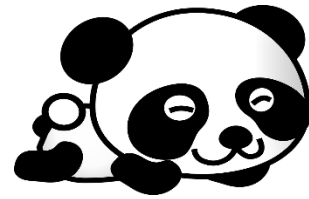
*Label the picture by diet.*



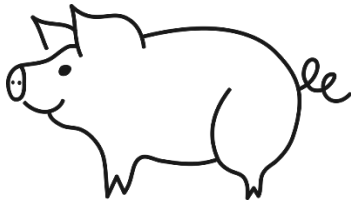
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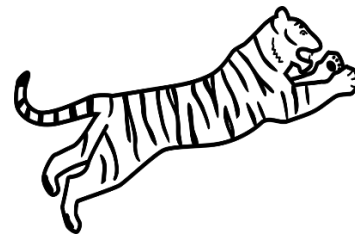
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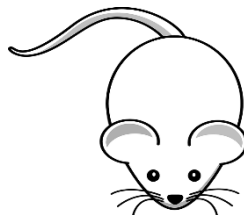
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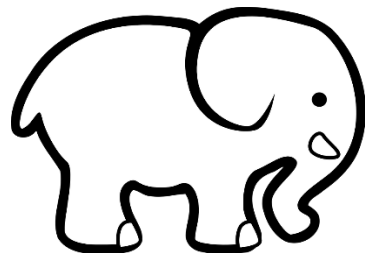
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Name: \_\_\_\_\_

Date: \_\_\_\_\_

### SPACE - JUMPING JUPITER

- Jupiter is the biggest planet in the solar system.
- It is a gas giant, meaning it doesn't have a solid surface. Scientists are still unsure if it has a solid core but think that it probably does.
- It has a giant red spot, cleverly named the 'Great Red Spot' which is not a spot at all. It is a big storm that has been going on for hundreds of years!
- On Jupiter, 1 day lasts only 10 hours so it is *shorter* than an Earth day, but it takes Jupiter much *longer* to orbit the sun. One Jupiter year is 11.8 Earth years! So, when you are celebrating your 12<sup>th</sup> birthday, someone who was born on Jupiter the very same day you were, would only be turning 1!

<https://spaceplace.nasa.gov/all-about-jupiter/en/>

Pretend you are visiting from Jupiter. How old are you in Earth years?

*Can you fill in the age for a 10-year-old visitor? Can you extend the ratio table?*

Age on Jupiter	5	6	7	8	9	10	11	12	13
(x) 11.8 Earth years	11.8	11.8	11.8	11.8	11.8		11.8	11.8	
Age on Earth	59	70.8	82.6	94.4	106.2		129.8	141.6	

Color Jupiter:

