

# MYSTERIES OF THE MICRO- WORLD

## UNSEEN HEROES UNDER OUR NOSE!

TEACHER GUIDE

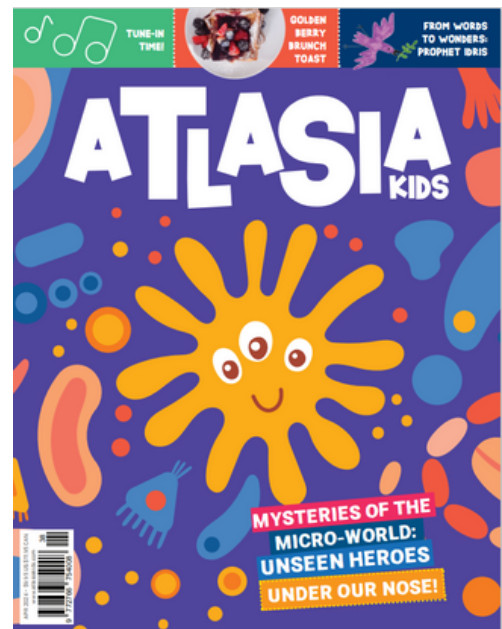
بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ  
Bismillahi Rahmanir Rahim

### 1. Set the Tone and Intention

- Begin with Bismillah.
- Remind students that knowledge is from Allah and for the purpose of knowing Allah better.

### 2. Preview the Issue

- Cover: Ask your students: What do you think the issue is about? What do you know about the various topics listed at the top? Describe the cover of the magazine.



**Look for Atlasia Toolbox cues throughout the issue!**



### 3. Weekly Calendar

- Write down the days of the week on the classroom board! Each day has a fun activity you can incorporate to stimulate students.
- Write to Atlasian Corner and email to [editor@atlasiakids.com](mailto:editor@atlasiakids.com).



### 4. Ninety-Nine (Pg 6)

#### Comprehension questions:

- "What does Al-Majid mean?" (*The Glorious One*)

#### Activities:

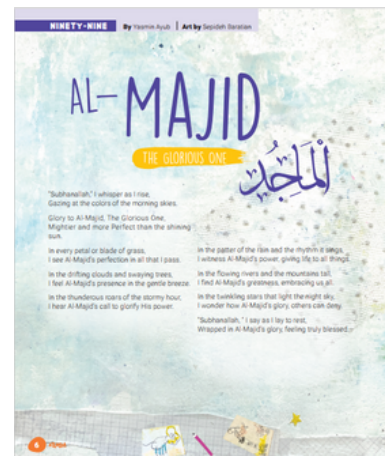
- Explore outside through the *Rainbow* and 5 senses methods:
  - *Rainbow*: While outside with students, have students take 1 minute of silence to observe their surroundings. Then, for each color of the rainbow, have them call out or note down where they see the colors around them.
  - *5 Senses*: Repeat the 1 minute of silence and then have them call out or note down the things they can feel, smell, see, taste, or hear in the environment around them.

*Take moments of reflection to attribute all of these beautiful sights to Allah.*

### 5. The Prophet's Kindness (Pg 8)

#### Comprehension questions:

- "If you were the cup of milk about to meet the Prophet, how would you feel and what would you say?" (*Open Answer*)
- "What secret did Prophet Muhammad (PBUH) share about milk?" (*"No food or drink satisfies like milk."*)



Activity:

- Research the benefits of milk for the body and the process to get it from farm to your fridge!
- If you have access to a dairy farm, take a fun field trip as a class!

**5. Funlasia (Pg 10)**

- Send in your 5 recommendations to Atlasia.

**7. World Folk Tales (Pg 12)**

Pre-reading questions:

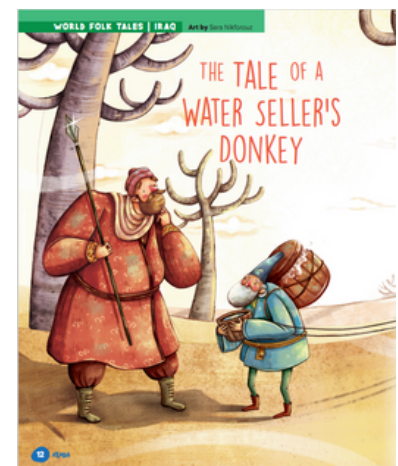
- "What do you think a synonym of content is?" (*satisfied, happy with what you have, trust in Allah, etc.*)

Comprehension questions:

- "When Kaveh meets the Arabian horses, why does he compare himself to them?" (*He believes their lives to be filled with comfort and abundance*)
- "Why did Kaveh reconsider his envy?" (*He realized that their comforts came at a steep cost of exhaustion*)
- "What does Kaveh do to express his gratitude?" (*He prays to his Creator that he embraces modesty and hunger and to spare him from the hardships of life*)

Activity:

- Dictionary Exercise: Take physical copies of dictionaries and have students look up any words they don't know in the passage such as:
  - fodder
  - glistening
  - etc.



- Learn the attached dua of Taif and its context. This is where Prophet Muhammad (PBUH) complained to Allah about his scarcity of resources while being content. Connect the story to this dua.

## 8. Diary of Layla (Pg 22)

### Activity:

- Write your own special poetry using [www.rhymezone.com](http://www.rhymezone.com). Try different kinds of poetry:
  - For spoken word, ensure students are saying it aloud as they write to make it flow.
  - For written poetry, try it on different rhyme schemes and lengths of stanzas.
  - Try to use specific types of rhymes and poetry techniques! (e.g acrostic)
- Draw your family trees (or gardens) and present them to the class.



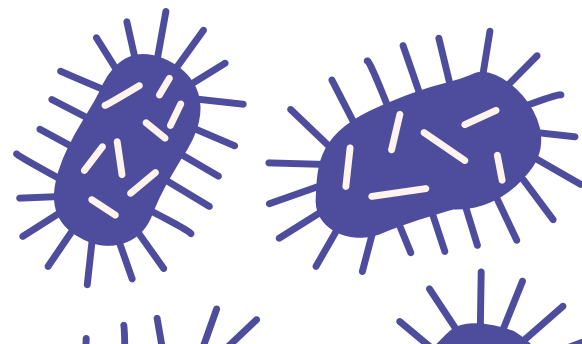
## 9. ZOOM (Pg. 31)

### Pre-reading questions:

- "Have you ever eaten kimchi, yogurt, kefir, bread, or cheese? What do you think these have in common?" (*Open answer*)

### Comprehension Questions:

- "What are 3 examples of microbes?" (*Bacteria, Fungi, Viruses, Algae, Protozoa*)
- "What roles do microbes play in the world?" (*Fermentation, Environmental Protection, Guarding our health and wellbeing*)
- "Which microbe is the most diverse and populous resident of the micro-world?" (*Bacteria*)



- “Viruses are the enigmatic figures of the microbial world, depending on \_\_\_\_\_ to replicate.” (*Other living cells*)

#### Activity:

- Make Your own yogurt! And discuss what it would look like if you could see the microbes in the yogurt.

## 10. Stories of the Prophets (Pg 36)

#### Comprehension questions:

- “Prophet Idris spoke of \_\_\_\_\_” (*The mysteries of the sky and the earth and the wonders of the planets and stars*)
- “Prophet Idris introduced the craft of \_\_\_\_\_” (*sewing and stitching together fabrics*)

#### Activity:

- Learn the constellations Allah created in the sky and draw them out with the *attached worksheet*.
- Visit the local planetarium in your city and explore the stars and space in your area.

## 11. Tech High 5 (Pg 38)

#### Comprehension Questions:

- “\_\_\_\_\_ count your steps, measure your heart rate, and even tell you how well you’re sleeping.” (*Fitness Trackers*)
- “How can smart glasses help you if you’re in a new country?” (*They can take photos and even translate what someone is saying in real-time*)





Activity:

- Invent your own wearable technology that helps with a particular task in the classroom or at home. Send in your amazing inventions to editor@atlasiakids.com

## 12. Donkey Dan (Pg 40)

Pre-reading questions:

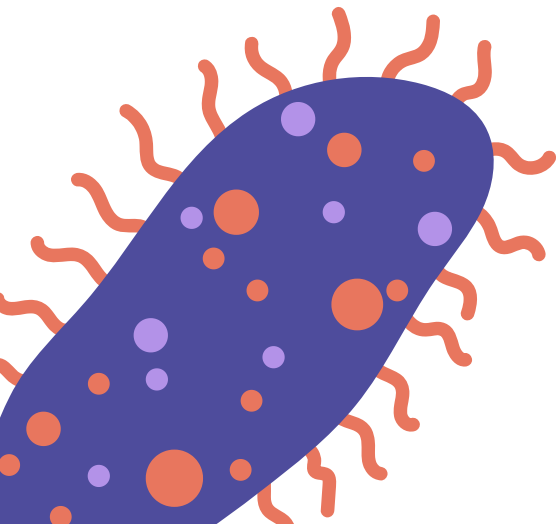
- "Do you know anyone who is a pilot?" (*Open Answer*)

Comprehension questions:

- "What do you think you'd like about doing the job Darius does?" (*Open Answer*)
- "What do you think it takes to be a pilot according to Darius?" (*Work, passion, love and dedication*)

Activity:

- Map the top 3 places where you would go in the world if you could fly anywhere right now!



# PROPHET MUHAMMAD'S DUA AFTER TA'IF

ALLAHUMMA ILAIKA ASHKU DU'FA QUWWATI WAQILLATA HILATI WAHAWANI 'ALANNAS. YA ARHAMAR RAHIMIN, ANTA RABBUL MUSTAD'AFIN, WA ANTA RABBI. ILA MAN TAKILUNI ILA BA'IDIN YATAJAHHAMUNI AW ILA 'ADUWWIN MALAKTAHU AMRI. IL-LAM YAKUN BIKI GHADABUN 'ALAYYA FALA UBALI, WALAKIN 'AFIYATUKA AWSA'U LI. 'AUDZU BINURI WAJHIKAL LADZI ASHRAQAT BIHIDH DHULUMAT WA SHOLUHA'ALAIHI AMRUDDUNYA WAL AKHIROH MIN AN TUNAZZALA BI GHADABUK AW TAHULLU BI SAKHOTHUK, LAKAL 'UTBA HATTA TARDA. ALA HAULA WALA QUWWATA ILLA BIK

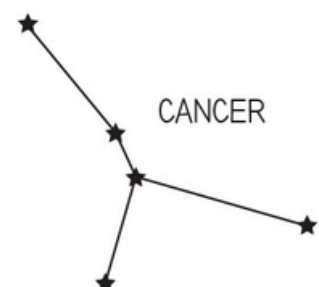
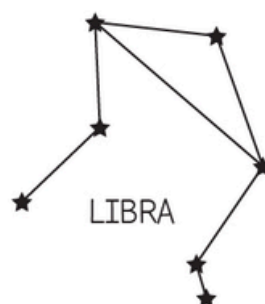
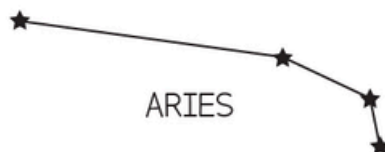
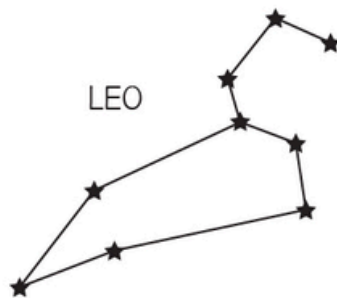
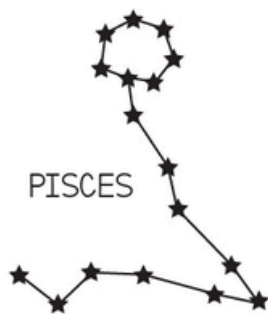
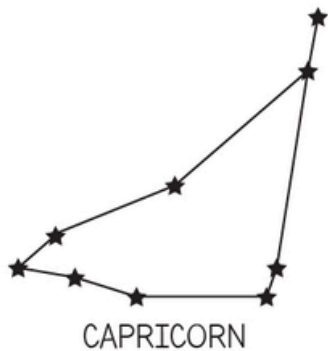
اللَّهُمَّ إِلَيْكَ أَشْكُو ضَعْفَ قُوَّتِي، وَقِلَّةَ حِيلَتِي وَهَوَانِي عَلَى النَّاسِ يَا أَرْحَمَ الرَّاحِمِينَ، أَنْتَ رَبُّ الْمُسْتَضْعِفِينَ، وَأَنْتَ رَبِّي، إِلَى مَنْ تَكِلُنِي إِلَى بَعِيدٍ يَتَجَهَّمُنِي؟ أَوْ إِلَى عَدُوٍّ مَلَكَتْهُ أَمْرِي؟ إِنْ لَمْ يَكُنْ بِكَ غَضَبٌ عَلَيَّ فَلَا أُبَالِي وَلَكِنْ عَافِيَتَكَ هِيَ أَوْسَعُ لِي، أَعُوذُ بِنُورِ وَجْهِكَ الَّذِي أَشْرَقَتْ بِهِ الظُّلُمَاتُ، وَصَلَحَ عَلَيْهِ أَمْرُ الدُّنْيَا وَالْآخِرَةِ مِنْ أَنْ تُنْزِلَ بِي غَضَبَكَ أَوْ تَحُلَّ بِي سَخَطُكَ، لَكَ الْعُتْبَى حَتَّى تَرْضَى، وَلَا حَوْلَ وَلَا قُوَّةَ إِلَّا بِكَ

"O Allah! I complain to you of my weakness, my scarcity of resources and humiliation before the people. O Most Merciful! The Lord of the weak and my Lord too! To whom have You entrusted me? To one who does not care for me? Or have You appointed my enemy as master of my affairs? So as long as You are not angry with me, I care not. Your favor is abundant for me. I seek refuge in the light of Your Face, by which all darkness is dispelled and every affair of this world and the next is set right,

But if Your wrath does not fall on me, there is nothing for me to worry about.

I seek protection in the light of Your Countenance, which illuminates the heavens and dispels darkness, and which controls all affairs in this world as well as in the Hereafter. May it never be that I should incur Your wrath, or that You should be wrathful to me. And there is no power nor resource, but Yours alone."

# STAR CONSTELLATION MAP





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**Have suggestions for our teacher guide?**

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