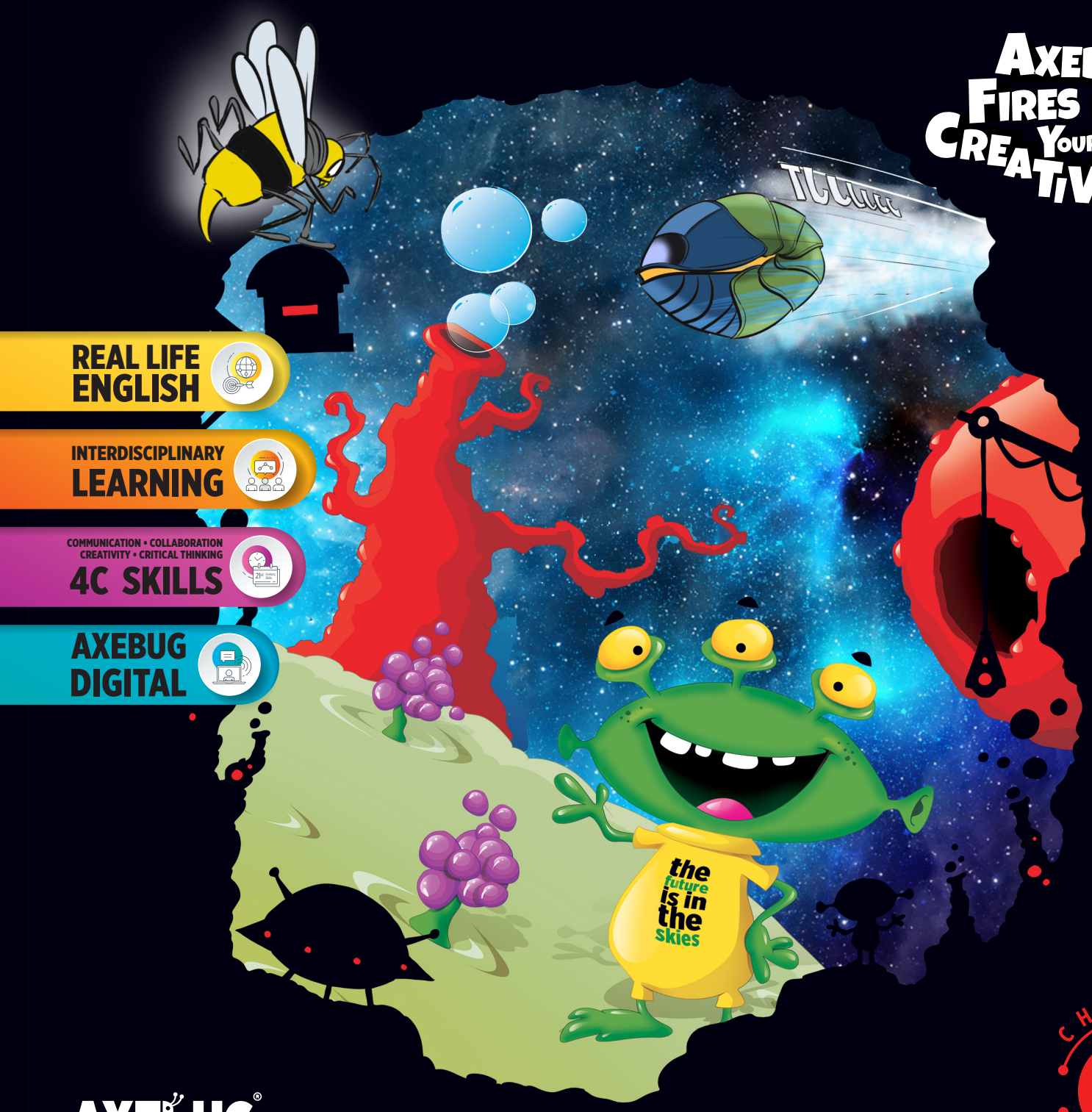
SPACE ADVENTURE

ACTIVITY BOOK

AXEBUG FIRES UP YOUR CREATIVITY!



REAL LIFE ENGLISH

INTERDISCIPLINARY LEARNING

COMMUNICATION • COLLABORATION
CREATIVITY • CRITICAL THINKING
4C SKILLS

AXEBUG DIGITAL

CHAPTER 2

AXEBUG® COMICS

Original Name
AXEBUG SPACE ADVENTURE

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ISBN
978-605-031-407-6

Third printing
June 2022

THE IMAGINATION ELEMENT
DESIGNEXIUM

Designexium Digital Media Education
www.designexium.com

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COMICS

EPISODE 5
TAKING CONTROL

1 Listen And Write

A. HOUSEFLY

B. IMPOSSIBLE

C. RANGE

D. GRAVITY FIELD

E. DECREASE

F. PERFECT

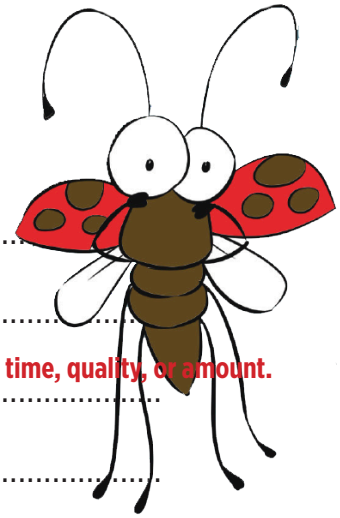
G. WATCHMAN

H. BLIND

I. MONITOR

J. WORMHOLE

2 Write the meanings of each word



A. Licence : Permission or freedom to do what you want.

B. Constantly : Regularly, continue to occur.

C. Approaching : To come near or nearer to something or someone in space, time, quality, or amount.

D. Speed : Increasing the speed.

E. Presence : The fact that someone or something is in a place.

F. Stealth Mode : A hiding, secret mode.

G. Reach : To come to and end or goal by travelling or moving.

H. Meteorite : A piece of rock or other matter from space that has landed on earth.

I. Deep Space : Space unlimited in Solar System.

J. Gravity Field : A gravitational field is the area around a large object, such as a planet, where gravity has an effect.

K. Monitor : A device that has a screen, showing visible things.

L. Sensor : A device that is used to search, watch signals.

M. Transfer : To pass something to another place.

N. Archive : Documents or records coming from the past.

O. Zoom in : Closer look at something more detailed.

P. Completely : In every way or as much as possible.

Q. In detail : Including or considering all the information about something or every part of something.

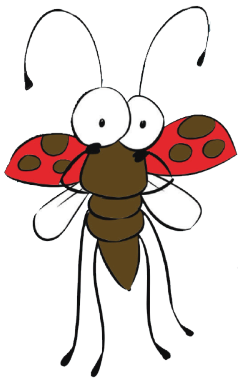
R. Waste : An unnecessary or wrong use of money, substances, time, energy, abilities, etc.

S. Decrease : To make less of quantity or power.

T. Range : The distance covered by a spaceship, airplane or a vehicle.

3 Your Turn: Speak

Use the talking cards below to describe our characters. Choose a situation to make a dialogue. Practice in the class.



LADY BUG

- Curious
- Nice
- Likes sleeping and reading
- Eats lemon

AXEBUG

- Courageous
- Fast
- Likes talking and laughing
- Eats meat

DUNG BEETLE

- Scared
- Careful
- Likes jumping and rolling
- Eats soil

Situation 1:

They are going to the market to buy some supplies.

Situation 2:

They are going to see an aquarium.

4 Read Episode 5 again and Circle Yes / No

		✓	✗
1	The space ships name is ‘MMM55’.		✗
2	They use the seeker telescope to look carefully.	✓	
3	They see a bee in space.		✗
4	The watchman have four heads.		✗
5	They lower their ships speed.		✗

5 Your Turn : Write

Create your own Watchman. Use the box below to help you build up Information about your Watchman.

NAME :.....

SURNAME :.....

AGE :.....

WHICH PLANET FROM :.....

HOW MANY EYES :.....

HOW MANY EARS :.....

HOW MANY HEADS :.....

HOW MANY ARMS :.....

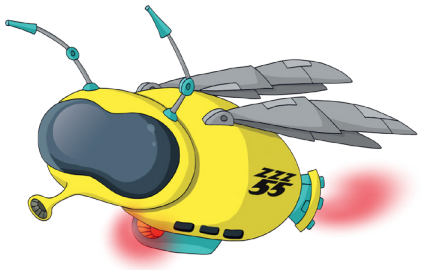
INTERESTS - HOBBIES :.....

CHARACTER :.....

6 Fill in the blanks using the words below

Planets - zoomed in - gravity field - licence

1. The police took my ___licence___ because I was driving very fast.
2. They ___zoomed in___ quickly to see the spaceship.
3. The Earth's ___gravity field___ has hills and mountains.
4. Some ___planets___ are closer to the earth, but some of them are further.



7 Illustrate the Idioms

Blind as a bat	Leave no stone unturned

8 Put the words in alphabetical order

1. ASTRONOMICAL
2. BLACK HOLE
3. DENSITY
4. ECLIPSE
5. EXPLORE
6. FULL MOON
7. HALF MOON
8. LIGHT
9. MILKY WAY
10. PLANET
11. SCIENCE
12. SKY
13. SOLAR SYSTEM
14. SPACE
15. TELESCOPE
16. UNIVERSE

UNIVERSE | MILKY WAY

SPACE | SKY

BLACK HOLE | TELESCOPE

DENSITY | SOLAR SYSTEM

PLANET | LIGHT

ECLIPSE | EXPLORE

HALF MOON | SCIENCE

ASTRONOMICAL | FULL MOON

9 Answer the questions according to Axebug

1. Does the watchmen see a spaceship or a bug?

   They see a spacehip that looks like a bug.

2. Why do they decrease their speed?

   Because they want to know who the ship belongs to.

3. Is Axebug worried or curious about what he saw?

   Axebug is curious about what he saw, he wants to know who they are.

4. Why are watchmen fighting?

   One of them thinks a bug is coming and the other one thinks it is a spaceship.

10 Your Turn: Speak

Work in pairs to debate the topic.
Can you see everything in space with a telescope or not?

You can see everything in space with a telescope.	You can't see everything in space with a telescope.

11 Which word is different? Circle it with a marker

come - jupiter - mars

approach - licence - see

five seconds - ten desserts - twenty minutes

space - ship - leave

bug - housefly - record

gravity field - galaxy - family

12 Your Turn: Speak

They are going to choose a new 'ZZZ' seried spaceship. Try to describe the new version spaceship. Share it with your friends.

EPISODE 6

THE AMAZING WORMHOLE

1 Listen And Write

A. SPHERE .....

B. EXACTLY .....

C. NEIGHBOUR .....

D. AWESOME .....

E. WORMHOLE .....

F. MILLION .....

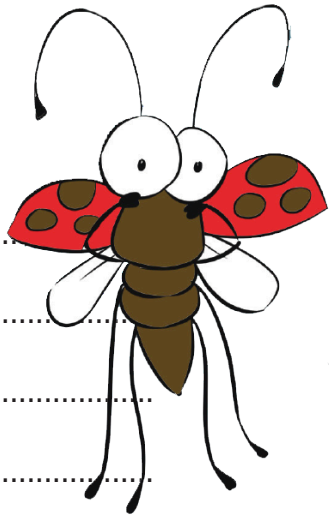
G. SOLAR SYSTEM .....

H. DIMENSIONAL .....

I. THRILLED .....

J. TUNNEL .....

2 Write the meanings of each word



A. Pass : Permission or freedom to do what you want.

B. Amazing : A sudden wonder of something.

C. Galaxy : A system of stars, planets and outer space.

D. Reach : To have high goals and targets.

E. Astronaut : A person who has been trained for travelling in space.

F. Density : The relationship between the mass of a substance and its size.

G. Rocket : A vehicle used for space travel.

H. Solar Wind : A current of air moving approximately horizontally, especially one strong enough to be felt.

I. 3 Dimensional : An object or a shape measured in three different ways, height, length, width.

J. Far : A long distant.

K. Phase : Any stage in a series of events or in a process of development.

L. Observe : To notice or see.

M. Mass : The amount of matter in any object, weight.

N. Eclipse : To make an eclipse of the moon or sun.

O. Atmosphere : The mixture of gases around the earth

P. Sound Wave : The form that sound takes when it passes through air, water, etc.

Q. Surface : External part of something.

R. Tunnel : A closed up way or passage to get through somewhere, usually for trains.

S. Warp : A theoretical engine type which allows space ships travel faster than light.

T. Fold : To bend.

3 Complete the word search below

UNIVERSE - LUNAR - MOON - LENS - URANUS

SUN - RAY - VOYAGE - SPACE - ROCKET

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

4 Read Episode 6 again and Circle Yes / No

		✓	✗
1	A wormhole looks like a diamond.	○	⊗
2	They exit the solar system through a frame.	○	⊗
3	Lady bug didn't know what a wormhole looks like.	✓	○
4	A piece of cake means a task is very hard to finish.	○	⊗

5 Your Turn : Write

Use the words from question 2 and 3 to write your own little story about a wormhole. What does it look like? How does it allow space ships to pass through?

6 Put the words in alphabetical order

1. ADVENTURE .....
2. BEETLE .....
3. BIG BANG .....
4. BUG .....
5. CLUSTER .....
6. DISCOVER .....
7. FALLING STAR .....
8. HELIUM .....
9. HYDROGEN .....
10. ICEBERG .....
11. KILOMETER .....
12. LIGHT RAY .....
13. MAGNETIC .....
14. METEOR SHOWER .....
15. RADIATION .....
16. VERTICAL .....

ICEBERG	HYDROGEN
ADVENTURE	RADIATION
BEETLE	KILOMETER
BIG BANG	VERTICAL
BUG	MAGNETIC
FALLING STAR	LIGHT RAY
HELIUM	DISCOVER
METEOR SHOWER	CLUSTER

7 Rewrite each sentence

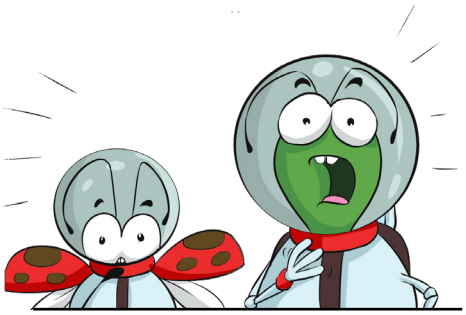
1. bug / coming / the / neighbour / galaxy / from / a / called / Judico / is
   The bug is coming from a neighbour galaxy called Judico.

2. fold / Let's / the / paper / half /into
   Let's fold the paper into half.

3. excited / I / about / stars / read / am / to / and / moon / phases / of
   I am excited to read about stars and phases of moon.

4. exit / solar / from / we / system / the / years / two / ago
   We exit from the solar system two years ago.

5. sphere / look / like / the / a / wormhole / doesn't / ?
   Doesn't the wormhole look like a sphere?



8 Answer the questions according to Axebug

1. What does a circle look like in 3D form?
   A circle looks like a sphere in 3D form.

2. Was Ladybug upset when she was getting out of the wormhole?
   No, she wasn't.

3. Does Axebug know what a wormhole is?
   Yes, he does.

4. Why does Axebug say 'Piece of cake'?
   Because it is very easy for him to talk about the topic.

EPISODE 7
LOCKDOWN

1 Listen And Write

A. HORNET .....

B. NICE AND EASY .....

C. FORCE .....

D. CAPTURE .....

E. QUIETLY .....

F. ASTEROID .....

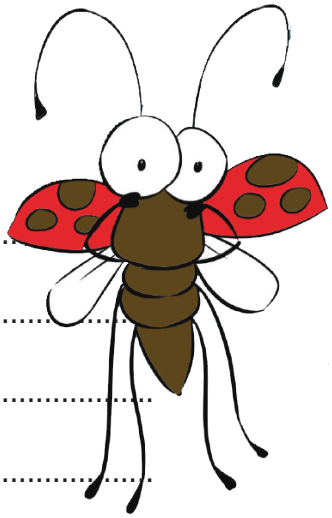
G. SPACE CRAFT .....

H. MOVE AHEAD .....

I. LUNAR CRATER .....

J. ONE BY ONE .....

2 Write the meanings of each word



A. Space Suit : A type of clothing designed to wear on Space.

B. Quietly : In a low voice.

C. Complete : To end, finish.

D. Landing : The acting of land.

E. Don't Get : Not understanding.

F. Precisely : In an exact manner.

G. Airlock Door : A small room of two doors to let passage through.

H. Call : To use a phone to talk to someone.

I. Hold Your Horses : To be calm.

J. Comet : An object that moves around the sun, usually at a great distance from it, that is seen on rare occasions from the earth as a bright line in the sky.

K. Observatory : A building from which scientists can watch the planets, the stars, the weather, etc.To notice or see.

L. Zodiac : An area of the sky having twelve groups of stars that people think effects your personality

M. Tower : A tall, narrow structure, often square or circular, that either forms part of a building or stands alone.

N. Leave : To go away from someone or something, for a short time or permanently.

O. Volcano : A mountain with a large, circular hole at the top through which lava (= hot liquid rock) gases, steam, and dust are or have been forc.ed out

P. Capture : To get control of something

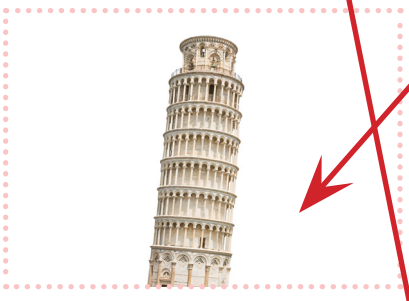
Q. Kilometer : A type of measure equal to 1000 meters.

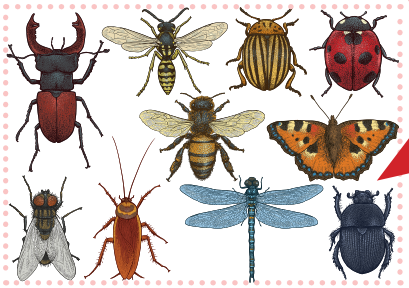
R. Lockdown : An emergency situation in which people are not allowed to freely enter, leave, or move around in a building or area because of danger.

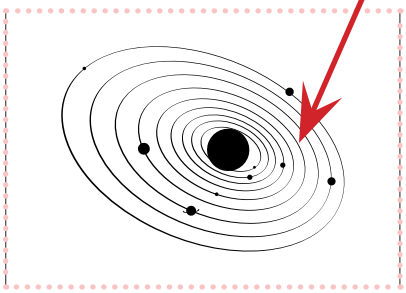
S. Upstairs : Walk to an upper floor.

T. Move : To change your position from somewhere to somewhere else.

3 Match the pictures with the correct words







SINGLE LINE

TOWER

HELMET

JOKE

INSECT

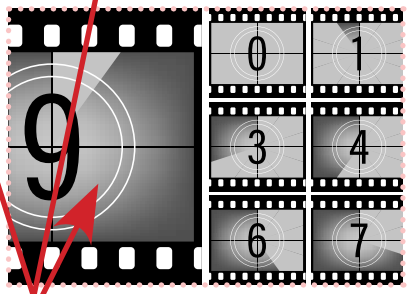
ORBIT

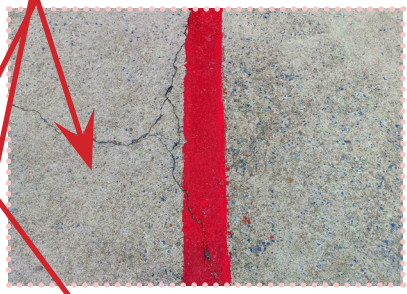
HORNET

COUNTDOWN

SPACE SUIT

WONDER





4 Read Episode 7 again and Circle Yes / No

		✓	✗
1	Axebug is calmer than Ladybug.	✓	
2	They see hornets after getting out of spaceship.	✓	
3	Ladybug wants to go home.	✓	
4	They walk the stairs fast and noisy.		✗

5 Answer the questions according to Axebug

1. Does Axebug lockdown the ship?
   No, he doesn't. Watchman lockdown the ship.
2. Do they know where the hornets are coming from?
   No, they don't know where the hornets are coming from.
3. Are they locking down the ship to the earth?
   No, they are not on earth.
4. Why are they entering the tower in a single line?
   Because watchman wants them to walk calmly so he can control them easily.

6 Your Turn : Speak

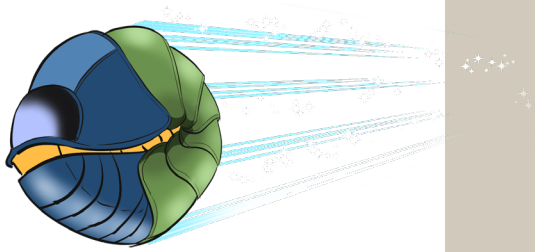
Do you think hornets are dangerous? Why? Why not?
What are the differences between bees and hornets? Discuss.

huge – cute – friendly – dangerous – scary – curved - colorful

beautiful – creature – insect – forest flowers – honey - world

7 Read the sentences and circle the correct word

1. It is not imposs/possible to lockdown an aircraft.
2. We captured / wrote some dangerous insects outside our town.
3. The Nebula / Astronaut is wearing a helmet.
4. The horse was walking artificial / nice and easy when it saw the farmer.
5. There are forces / hills between Earth and the Sun.



8 Your Turn: Write

If you had a lockdown button, what would you lockdown?
Your house, school, market, hospital etc. Why? Why not?
Write down your thoughts and share it with the class.

9 Put the words in alphabetical order

1. CAPTURE
2. COMPLETE
3. CORE
4. DOCKING
5. DWARF
6. DWARF
7. HELMET
8. JOKE
9. MULES
10. MULES
11. NEBULA
12. OZONE LAYER
13. RED GIANT
14. TITAN GENTLY
15. UNDER CONTROL
16. UPSTAIRS

GENTLY | UNDER CONTROL

NEBULA | COMPLETE

CORE | DWARF

UPSTAIRS | MULES

JOKE | RED GIANT

DOCKING | OZONE LAYER

CAPTURE | HELMET

ORBIT | TITAN

10 Complete the crossword

Across

2. The 7th closet planet to sun is .....

4. The furthest planet to the sun is .....

5. ISS is an abrevation for international space .....

7. ..... is known as a dwarf planet.

Down

1. Neil ..... was the first man to walk on moon.

3. .....is the name for giant gas and clouds in space.

6. Saturn's largest moon is called .....

8. Generally, ... means the elliptic route of planets or celestial objects.

11 Look at the words in the box. Write each word in the suitable cloud

force – gently – capture - slowly

doom – dock - calmly - quietly

VERBS	ADVERB
FORCE	GENTLY
CAPTURE	SLOWLY
DOOM	CALMLY
DOCK	QUIETLY

12 Unscramble the letters and fill in the blanks with the words

1. What ___PLANET___ are you on Luke?
2. Don't be scared of the dog. Go easy and ___NICE___
3. We need to solve this. I repeat, ___HOUSTON___, we have a problem!
4. Nothing is wrong, ___COOL___ your jets please?
5. Are you frightened? Hold your ___HORSES___ Emma.

ONHUOTS - TNAELP - SRSEOH - OLOC - CIEN

EPISODE 8

THE ROBUG COLONY

1 Listen And Write

A. SPLENDID .....

B. INTERESTING .....

C. TAKE A BREAK .....

D. ACCESS .....

E. CLUE .....

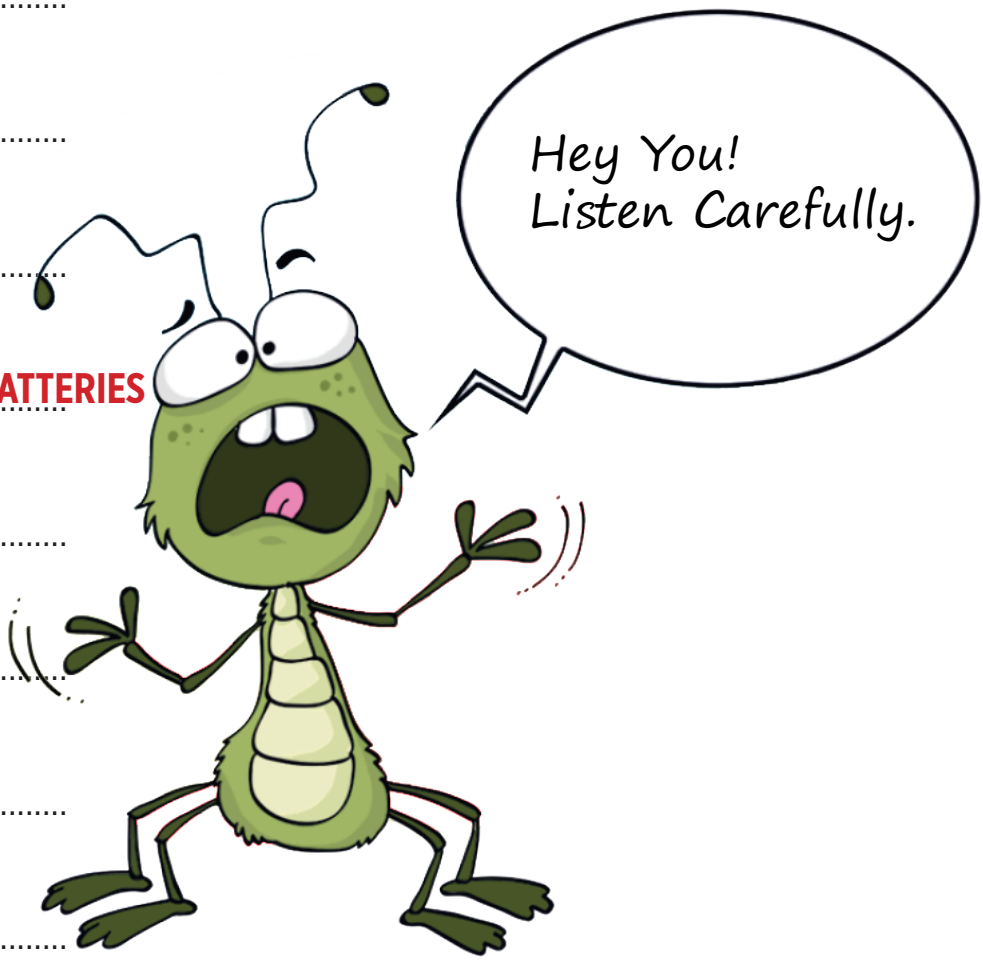
F. RECHARGE YOUR BATTERIES .....

G. GUEST .....

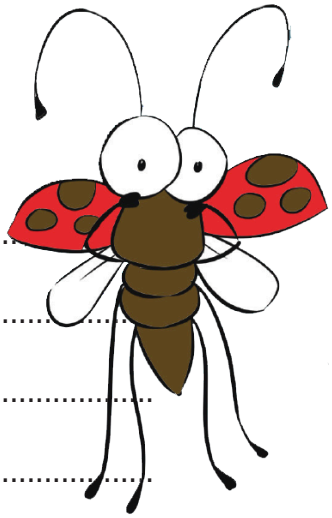
H. DEEP SPACE .....

I. POOR GUY .....

J. UNFASTEN .....



2 Write the meanings of each word



A. Immediately : Very urgently.

B. Salvation : An act of saving something from harm.

C. Deep Space : Space unlimited in Solar System.

D. Adventure : An interesting, exciting experience.

E. Fetch : To bring something.

F. Receive : To have, to have been delivered something.

G. Vehicle : A type of transport.

H. Head Quarter : A main office, building.

I. Colony : A group of people designing a new land to live.

J. Clue : Something directing to the problem.

K. Target : The point that is aimed.

L. Request : Asking for something.

M. Ridicilous : Meaningless.

N. Shortage : Unable to supply energy.

O. Celestial : Any natural object outside of the Earth's atmosphere.

P. Dust : Dry particles coming from an area.

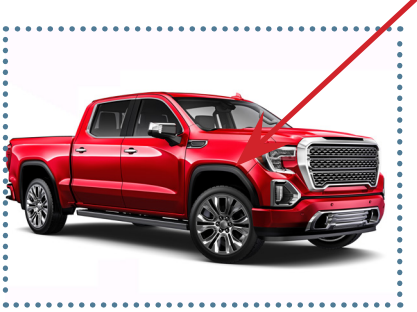
Q. Flyby : A flight, especially in a spacecraft, past a particular point in space.

R. Hypernova : Biggest explosition type in the universe, after explosion black holes occur.

S. Pole Star : A star that can be seen by people in the northern part of the world and always shows where north lies.

T. Spectrum : A range of objects, ideas, or opinions.

3 Match the pictures with the correct words



TARGET

DEEP SPACE

FETCH

SOS

COLONY

STROLL AROUND

VEHICLE

POOR GUY

SEAT BELT

URANUS

4 Read Episode 8 again and Circle Yes / No

		✓	✗
1	Aid means help.	✓	
2	Axebug doesn't want this adventure.		✗
3	Ladybug loves the vehicle.		✗
4	They came to the headquarters to help Robug 13.	✓	

5 Your Turn: Speak

Draw your own element of Designexium. Where do you think you can find it? Why? Use the words below to discuss.

SUBSTANCE – CHEMICAL – GAS – LIQUID- SOLID – REACTION
SOURCE – ENERGY – ACCESS – SPEED UP – DEEP SPACE – HEAVY
NUCLEAR – SOFT – SMALL – BIG – STRONG – WEAK

7 Put the words in alphabetical order

1. ACCESS
2. ADVENTURE
3. AXEBUG
4. CLUE
5. COLONY
6. DUNG BEETLE
7. EXTINCT
8. GUEST
9. LADY BUG
10. PROVE
11. RIDICILOUS
12. S.O.S
13. SALVATION
14. SPEED UP
15. TARGET
16. VEHICLE

SPEED UP | S.O.S

LADY BUG | SALVATION

EXTINCT | RIDICILOUS

GUEST | PROVE

ACCESS | ADVENTURE

CLUE | COLONY

AXEBUG | TARGET

VEHICLE | DUNG BEETLE

8 Complete the chart using the words and idioms below

VERBS	NOUN	IDIOM
RETURN	ACCESS	RECHARGE YOUR BATTERIES
FETCH	COLONY	TAKES THE BISCUIT
PROVE	ADVENTURE	ONE MANS
GUEST	CLUE	TRASH ANOTHER MANS
IGNORE	IGNORE	TREASURE GUY

RETURN – FETCH - RECHARGE YOUR BATTERIES

ONE MANS TRASH ANOTHER MANS TREASURE

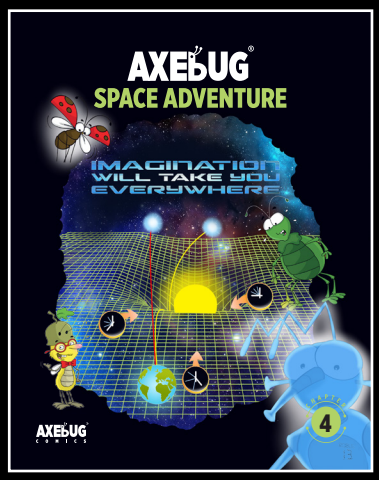
GUY - CLUE - ADVENTURE - COLONY

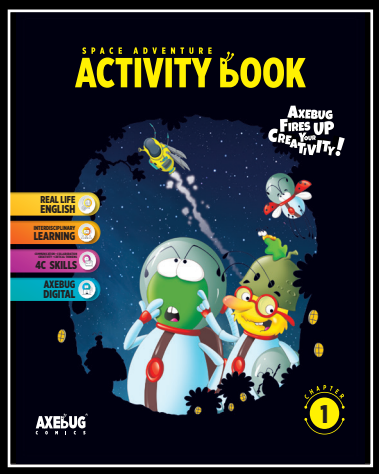
ACCESS - TAKES THE BISCUIT - IGNORE - GUEST - PROVE

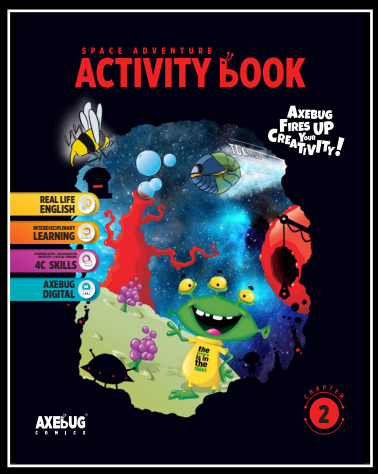
9 Your Turn: Write

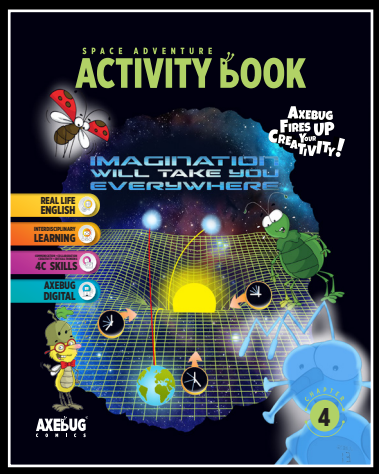
If you were going on a trip with Axebug to find the element of Designexium, what would you take with you? Pack up your suitcase and write down what you will need in space.

AXEBUG LANGUAGE KIT









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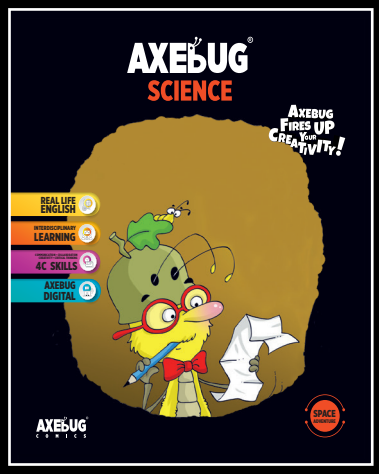

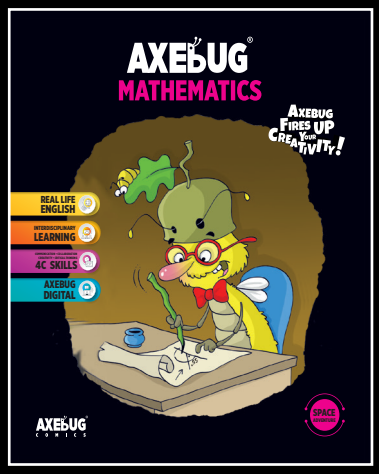

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ISBN 978-605-031-407-6
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