

# FLIGHT UNIT

**PDF & DIGITAL FORMATS**



  
**2 Peas and a Dog**

Middle School Teaching Resources

## RESOURCE INCLUDES

- ✓ Ontario Curriculum Aligned
- ✓ Detailed Lesson Plans
- ✓ Readings, Videos, Graphic Organizers, Group Work, Projects, Rubrics
- ✓ Hands-On Science Labs
- ✓ MP3 Audio Files
- ✓ Answer Keys
- ✓ Quizzes & Unit Test
- ✓ Print & Digital Formats

# INCLUDED LESSONS



- Introduction: Safety Rules & Unit Vocabulary
- The Properties of Air
- The Properties of Air – Teacher Demonstration
- Compression and Insulation of Air
- The Four Forces of Flight
- Unbalanced Forces
- How The Four Forces Can Be Altered
- Characteristics and Adaptations That Enable Living Things To Fly
- Paper Airplane Lab
- Air Travel Inquiry
- Flight Unit Test
- Unit Review/Sub Plans – Bill Nye and Magic School Bus Videos
- Drones Non-Fiction Article
- Flight Digital Escape Room


# UNIT ORGANIZATION

## ONTARIO CURRICULUM ALIGNMENT

Lesson	2007 Curriculum	2022 Curriculum
Introduction Safety Rules & Vocabulary	2.1, 2.4	A1.4, A1.5
<b>#1A</b> The Properties of Air	3.1	D2.1
<b>#1B</b> The Properties of Air	3.1	D2.1
<b>#2</b> Compression and Insulation of Air	3.2	Not Included, But Still Relevant
<b>#3</b> Four Forces of Flight	3.3, 3.4	D2.2
<b>#4</b> Unbalanced Forces	3.5	D2.3
<b>#5</b> How The Four Forces Can Be Altered	3.6	D2.4
<b>#6</b> Characteristics And Adaptations That Enable Living Things To Fly	2.3	D2.5
<b>#7</b> Paper Airplane Lab	2.4	A1.1, A1.2, A1.3, A1.4, A1.5
<b>#8</b>	1.1	D1.1

**CURRICULUM  
ALIGNMENT**

## LESSON OVERVIEW



Lesson	Activity Type	Name	Suggested Time & Curriculum Expectations
Intro	Class Discussion	Safety Rules & Unit Vocabulary	2 Classes
	QR Code Scavenger Hunt		2.1, 2.4
#1A	Whole Class Reading, Graphic Organizer and Activity	The Properties of Air	1 Class
			3.1
#1B	Teacher Demonstration	The Properties of Air	0.5 Class
			3.1
#2	Whole Class Reading and Activity	Compression and Insulation of Air	1 Class
			3.2
#3	Whole Class Reading and Activity	Four Forces of Flight	1 Class
			3.3, 3.4
#4	Whole Class Reading and Activity	Unbalanced Forces	1 Class
			3.5
#5	Whole Class Reading and Activity	How The Four Forces Can Be Altered	1 Class
			3.6

**UNIT PLAN**

## LESSON #1A

### Properties of Air

#### Lesson Overview:

Students will learn about the properties of air that make flight possible.

#### Materials Needed:

- Computer with projector/speakers
- Video: [Exploring Air & Air Pressure](#)
- Photocopy a class set of or use the provided Google Slides version:
  - Properties of Air article
  - Properties of Air Checklist Activity

#### Teacher Instructions:

1. Watch the [Exploring Air & Air Pressure](#) video.
2. Hand out article and read it out loud as a class.
3. Hand out Checklist Activity and have students complete it individually or in pairs.
4. Take-up answers using the provided answer sheet.

**LESSON  
PLANS**

# WHAT'S INSIDE?



## CHARACTERISTICS THAT ENABLE LIVING THINGS TO FLY

It is amazing to watch a bird's ability to leap from the ground and fly into the sky. However, flight is not confined to birds; many invertebrates and bats can fly. Birds, bats, and insects have evolved and/or adapted to fly. This article will discuss several adaptations that have allowed vertebrates (have a backbone) and invertebrates (have no backbone) to fly.



Photo of a Canada goose bird.

### Birds

Birds have streamlined bodies which reduce air resistance and save energy. They have feathers that act as insulators and help them stay warm. Their wings are aerodynamic and help them save energy and improve lift, which continues to save energy.

When a bird's wing is examined from the side, we see that it is large in the front and gradually tapers off toward the back. This shape is comparable to an airplane wing, also referred to as an airfoil. Rotating the wing forward provides the lift from the air to propel the bird forward, not just upward. This forward movement is referred to as thrust.

Birds' bones are hollow and light, which helps them fly efficiently.

A bird's chest has an enlarged breastbone called a sternum, which is

connected to the muscles that contract and relax to create air pressure in the lungs. This helps the bird breathe.

### Bats

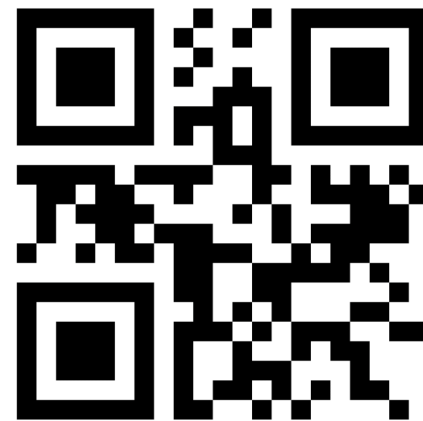
Bats are the only mammals capable of flight. Among the characteristics that enable them to fly are their long arms with thin and light finger bones capable of supporting and manipulating the wing membranes.

While their arms are large and sturdy, the legs are tiny, which reduces the overall mass of the creature and enables it to fly smoothly.

Additionally, the bat has fused bones in areas such as the skull, which helps lessen the total weight of the bat.

## SCIENCE VOCABULARY WORD #1

Using a phone or a tablet, scan the QR code below to find the hidden word.



## ENGAGING ACTIVITIES

## AIR TRAVEL ASSIGNMENT



Your family has decided that they want to go on vacation. They are going to let you make the final decision if you are going to go somewhere in a plane or by another transportation method. You must research the advantages and disadvantages of air travel and make a final decision for your family.

### Assignment Requirements

1. Research is completed through the use of guiding questions and graphic organizers. These must be handed in for assessment.
2. Final decision on the vacation decision in written and presentation form.
3. Source list – remember to keep track of the websites, videos or books used.

Criteria	1	2	3	4
Research	Limited	Researched	Researched with most details provided.	Thoroughly researched with all details provided.
Decision		on the final decision.	A concise decision is provided in the written response.	A well thought out decision is presented in the written response.
Time	(1-2 minutes)			
Sources	No sources provided.	Some sources provided.	Most sources provided.	All sources provided.
Presentation			Presentation explains their opinion of air travel.	Presentation is well-prepared and supported with visual materials.

# WHAT'S INSIDE?



## ANSWER KEY

Task: Read through each example and circle whether you think it is an example of compression or insulation of air.

1. Keeping the heat inside your house

COMPRESSION

2. A sleeping bag using many layers of insulation

COMPRESSION

3. Rubber tires on a car being used in winter

# ANSWER KEYS

4. Air tanks used for scuba diving

COMPRESSION

5. A winter jacket used to keep you warm

COMPRESSION

6. An airplane cabin that uses pressurized air

COMPRESSION

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## SAMPLE ANSWERS

Students will need to use the information they gathered from the Air Travel Inquiry to answer this long answer question.

### Advantages of Aviation Technology

#### Medical Transportation

Organs can be transported quickly for life-saving transplants thanks to the speed and ease of air travel. Medical air evacuation is necessary when a medical issue cannot be resolved in the immediate area. By using planes or helicopters, injured or sick patients are

### Disadvantages of Aviation Technology

#### Crop Dusting

Planes cannot guide chemicals onto the target crop precisely, so the chemicals spread where they are not needed. As a result, some substances can remain in the air and contribute to air pollution. Crop dusting can expose pilots, field workers, ground crews, and people living near

tourism industry. Many tourist destinations experience growth of their local economies due to air travel.

#### Travel

Flying across great distances, such as those between continents, is most efficient by plane.

#### Humanitarian Relief

It is now possible to send emergency and humanitarian aid relief to any region on Earth because of the global air transportation network.

#### Employment

Prior to the Covid-19 pandemic, the aviation industry employed a lot of people. The aviation sector employs more than just pilots and mechanics.

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## PAPER AIRPLANE LAB



Instructions: You are going to create two paper airplanes to investigate the properties of flight.

Materials Needed:

## AIR TRAVEL RESEARCH PLANNER

What do I already know about air travel?	What do I want to know about air travel?

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# LABS & CASE STUDIES



# TEACHER FEEDBACK

“What an amazing resource! There are so many great resources inside and my student have absolutely loved it so far. It was easy to follow and I can’t wait to try out your other products.” – Once Upon a Teacher



“You always create excellent resources! They hit all expectations, are simple to use, and involve little to no planning which helps out a lot!” – Sandra B.

# INTRODUCTION



## DRONE SAFETY RULES



### Basic Drone Usage

You must meet all this criteria

1. The drone is flown in an unpopulated area.
2. The drone is flown more than 100m from people.
3. The drone is never flown directly over people.
4. The drone must be flown near a military base.
5. The drone must be flown near a landing pad.

If you are in violation of any of these rules, you will be charged with advanced usage.

You must also follow these rules:

- Your drone must be registered.
- Your drone must be flown within the drone's field of view.
- You must pass through security checks.
- You must be able to provide proof of registration.

When flying drones remember:

1. Always be able to see your drone.
2. The drone must not be flown over a crowd.
3. Do not fly your drone over a road.
4. Do not fly near airports, military bases, or government buildings.
5. Do not fly near powerlines.
6. Ensure your drone is ready to land.
7. Ensure that the drone does not fly over a crowd.

If your drone weighs less than 250 grams, it is considered a Micro drone and you will not be charged with a financial penalty.

**SCIENCE SAFETY**

## SAFETY RULES QUIZ /15

Complete the following true/false questions on safety.

- |   |   |   |
|---|---|---|
| 1. When you clean-up, wash your hands with just water.  | T | F |
| 2. Before you begin, you must listen to ALL the teacher's instructions.   | T | F |
| 3. Remember to tie-up any loose items (e.g., hair, clothing, jewelry, etc.).  | T | F |
| 4. Science equipment should be used in a science room.  | T | F |
| 5. A spill should be cleaned up as soon as possible. If you are unsure where the spill kit is located, ask the teacher. | T | F |
| 6. Do not bother reading your procedure. Just make it up as you go!   | T | F |
| 7. Handle all tools with care, especially sharp objects.  | T | F |
| 8. Wear open-toe shoes and use gloves/goggles as needed.  | T | F |
| 9. Read labels on chemicals used carefully (e.g., WHMIS symbols).   | T | F |
| 10. Do not tell the teacher if there is a spill or if an item is broken/faulty.   | T | F |

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Vocabulary Word

Definition

#1

## SCIENCE VOCABULARY WORD #1

Using a phone or a tablet, scan the QR code below to find the hidden word.



**UNIT VOCABULARY**



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# LESSON 1A & 1B



## PROPERTIES OF AIR

Have you ever wondered how planes can fly? Air is invisible, but aircraft would not be able to fly without it to the unique properties of air, objects like hot air balloons, birds, and planes can take flight.

### Properties Of Air

We can't see the air surrounding us but we know it's there. Air is a diverse mixture of gases, water vapour, and other substances with distinct properties. Air is composed of approximately 78% nitrogen and 21% oxygen. It also contains small amounts of other gases like neon, carbon dioxide, and hydrogen and a large number of micro particles such as dust, pollen and pollutants.

### Air Takes Up Space

Air surrounds the Earth and takes up space. The Earth's atmosphere is a large blanket around our planet. This air is everywhere in parks, etc. When you blow up a balloon, you see the space it takes up inside your hands.

The more air you add into the balloon, the bigger it gets.

### Air Has Mass

Since air is made up of matter, it has mass. It is composed of molecules and atoms of gases, dust, pollen, water vapour, and other particles.



## PROPERTIES OF AIR CHECKLIST ACTIVITY

Task: Shade in only what is FALSE about air in the chart.

Air is invisible.	Air is always cold.
Air is friendly.	Air has a mass.
Air can be compressed.	Air smells really bad, all the time.
Air is colourful.	Air is always hot.
Air is heavy.	Air has pressure.
Air is made up of mostly nitrogen and oxygen.	Air is everywhere.
Air is nowhere.	Air takes up space.

## LESSON #1B



### Properties of Air - Teacher Demonstration

#### Lesson Overview:

Students will learn about the properties of air through video demonstrations.

#### Materials Needed:

- Computer with projector/speakers
- Video #1: [Properties of Air \(5 Science Experiments\)](#)
- Video #2: [6 Easy Air Pressure Science Experiments for Kids](#)

# TEACHER DEMONSTRATION

1. Watch video #1: [Properties of Air \(5 Science Experiments\)](#) and have a class discussion about the information shared in the video.
2. As a class, watch video #2: [6 Easy Air Pressure Science Experiments for Kids - Easy Science Experiments for Kids](#).
3. Pause the video after each experiment to have a brief class discussion about the information shared in the video.
4. You may want to watch each video more than once to have students gain a deeper understanding of the properties of air.

#### Reminder:

Tell students that these experiments are not to be tried at home, especially the ones involving candles, as fires can start quickly.

# PROPERTIES OF AIR



# LESSON 2 & 3



## COMPRESSION AND INSULATION OF AIR

Air has practical uses, such as compression and insulation. Air is being used every day in homes, transportation, clothing, and other applications for compression and insulation purposes.

### Compression of Air

Compressibility is the measurement of how much an object decreases in volume when it is under pressure. For example, if you take a balloon and squeeze it with your hands, you will observe that it shrinks in size. This is because the air that filled the balloon is compressed by your hands.

Compression is used in many areas, including in heating and cooling systems, in compressed air for tools, and in compressed gas cylinders. Compression is also used in the manufacture of many products, such as paper and plastic. Compression is also used in the transportation industry, such as in the compression of natural gas for use as a fuel.

Compressed oxygen is routinely used in hospitals to help patients breathe. In addition, airplanes use a pressurized cabin to allow passengers to breathe sufficiently at high altitudes where the air is thin. Likewise, scuba divers must carry a supply of compressed air with them at all times to breathe underwater.

# COMPRESSION & INSULATION OF AIR

## COMPRESSION OR INSULATION? ACTIVITY

Task: Read through each example and circle whether you think it is an example of compression or insulation of air.

1. Keeping the heat inside your home:

COMPRESSION OR INSULATION

2. A sleeping bag using many layers to keep you warm at night:

INSULATION

5. A winter jacket used to keep you warm on cold days:

COMPRESSION OR INSULATION

6. An airplane cabin that uses pressurized air to help people breathe when flying:

COMPRESSION OR INSULATION

## THE FOUR FORCES OF FLIGHT

The science of flight uses different forces acting together to make flying possible.

## THE FOUR FORCES DEFINITIONS

Task: Cut out the definitions on this page. Place the correct definition on the plane direction to explain each force of flight.



Photo of an Airplane on a Runway.

<b>LIFT</b> The difference in pressure on the wing's surface that lifts the plane.	<b>THRUST</b> The force that drives the plane forward.
<b>DRAG</b> The amount of resistance an object encounters as it moves through the air.	<b>WEIGHT</b> The force that is determined by its mass, fuel, cargo and passengers.

Drag is the amount of resistance an object encounters as it moves through the air. Drag goes against the direction of the movement of the object.

Weight is the force put on an object by gravity. The weight of an aircraft is determined by its mass, fuel, cargo, and passengers.

Lift is the force put on an object by the air. The lift of an aircraft is determined by its mass, fuel, cargo, and passengers. Lift is essential to maintaining proper altitude and safety. During a flight, an aircraft's weight fluctuates due to fuel consumption. Therefore, the pilot must constantly adjust the controls to maintain the plane's altitude.

# THE FOUR FORCES OF FLIGHT

# LESSON 4 & 5



## HOW UNBALANCED FORCES CONTROL FLIGHT

The movement of an airplane is influenced by the direction and strength of different forces. If the lift, thrust, drag, and weight are balanced, the plane will remain stationary or in constant motion. Yet, if there is an imbalance in the forces, movement and speed will change.

**Effects of Unbalanced Forces on Objects**  
If an unbalanced force is applied to stationary objects, they will begin to move. For example, an airplane parked at an airport will remain stationary if it is undisturbed. The airplane will move if an unbalanced force interacts with it, such as when it is being pulled by a tow bar when the jet engine is started to push the plane forward.

A flying plane's speed (constant or changing) depends on the lift, drag, and weight forces. If all three are in the same direction, the plane's speed will increase as long as the forces are unbalanced.

However, if unbalanced forces act on moving objects, they can change direction, speed, or even come to a complete stop. For example, when a pilot increases the thrust, it will create an unbalanced force. The airplane will move in the direction of the larger force. As a result, the aircraft accelerates forward since the thrust will be higher than drag.

How Can Unbalanced Forces Control Flight?  
The interaction of numerous uneven

## UNBALANCED FORCES MULTIPLE CHOICE

Complete the following multiple choice questions after reading the article.

- If the four forces are balanced:
  - The object is unbalanced.
  - The object remains stationary or in constant motion.
  - The object's speed or movement will change.
- If the four forces are unbalanced:
  - The object is unbalanced.
  - The object remains stationary or in constant motion.
  - The object's speed or movement will change.
- Tail elevators are used to do what in an airplane?
  - Create drag in the airplane.
  - Create lift.
  - Steer an airplane up or down.
- If a bird is flying straight and steady it means:
  - All the forces are balanced.
  - All the forces are unbalanced.
  - The lift is equal to the drag.



## WAYS IN WHICH THE FOUR FORCES OF FLIGHT CAN BE ALTERED NOTES



## WAYS IN WHICH THE FOUR FORCES OF FLIGHT CAN BE ALTERED NOTES

Write the dot-jot notes on a separate sheet of paper and write down each note on a separate line.

Considered when trying to

gear help each

ate and if

reduce

attack is raised, speed is

engines and propellers.

raised, speed is increased.

ly more efficiently.

# HOW THE FOUR FORCES CAN BE ALTERED

Adjust Tilt or Angle of Attack

Reduce Weight

Manage Thrust

Control Drag

# LESSON 6 & 7



## BIRDS, BATS, INSECTS AND SEEDS

Task: Read each characteristic below. Decide which of the following items – Birds, Bats, Insects, and Seeds – have each characteristic.

### LIVING THINGS THAT FLY QUIZ

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

**True or False Instructions:** Read each question and then write T or F in the box beside the question.

Question	Write T (True) or F (False) in the box.
Most living things need some sort of wing to fly.	
Insects can use their wings independently, allowing them to move more effortlessly.	
Seeds cannot fly.	
Maple keys use their wing-like form to guide them as they fall.	

Has Wings	
Has Feathers	
Is Light	
Has Hollow Bones	
Has A Large Brain	
Has A Long Neck	
Has Flight Muscles	

**CHARACTERISTICS THAT ENABLE FLIGHT IN LIVING THINGS**

## PAPER AIRPLANE LAB



### PAPER AIRPLANE LAB

#### Observations & Reflections

1. Test out each paper airplane design three times.
2. Record the distance each airplane flies.

Paper Airplane	Distance
Test Flight 1	
Test Flight 2	
Test Flight 3	Test Flight 3

**PAPER AIRPLANE LAB**

How do you think the design differences affected the flight of your paper airplanes?

What design differences did you make between the two paper airplanes?

Why did you make those changes?

Use the provided The

practice you are ready to create your

can use the provided The

feel that you are ready to your teacher.

sign paper airplane.

your time to test out your

Paper Airplane Lab graphic

planes, complete the rest of

outlined on the Paper Airplane

airplanes, your write up and your teacher once you have s lab.

# LESSON 8 & 9



## ADVANTAGES AND DISADVANTAGES OF AVIATION TECHNOLOGY

Aviation has made travelling between continents and countries easier for people and goods. More than 45,000 planes and 2.9 million passengers travel the United States' airspace every day. Think about how many people and planes use the Earth's airspace daily.<sup>1</sup>

Travel between countries, which previously took months by boat, now takes only a few hours via commercial airplanes.

Additionally, aviation also contributes to economic growth by allowing businesses to expand globally. This increase in aviation has also had a negative impact on the environment. It also causes air pollution and increased carbon dioxide emissions.

Advantages

Medical Transplants  
Organs can be transported quickly and easily by air. The speed and ease of air travel. Medical evacuation is necessary when a medical issue cannot be resolved in the immediate area. By using planes or helicopters, injured or sick patients can be quickly transported to a different hospital.

<sup>1</sup> [https://www.faa.gov/air\\_traffic/by\\_the\\_number](https://www.faa.gov/air_traffic/by_the_number)

## AIR TRAVEL RESEARCH PLANNER

What do I already know about air travel?

What do I want to know about air travel?

## AIR TRAVEL INQUIRY



## UNIT TEST

/15

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

## UNIT TEST

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

Short Answer Question (5 Marks)  
Explain some positive and negative aspects of aviation.

## FLIGHT UNIT TEST

Read the statement and then write T or F in the box.

Write T (True) or F (False) in the box.

# LESSON 10



## SUB PLANS/UNIT REVIEW



## SUB PLANS/UNIT REVIEW



### BILL NYE: FLIGHT



Complete the following True/False questions:

- |  |   |   |
|--|---|---|
| 1. Air pressure makes things fly.  | T | F |
| 2. Lift comes from the ground.   | T | F |
| 3. The idea of lift was created by a scientist named Bernoulli.                        | T | F |
| 4. Air pressure gives balloons lift.   | T | F |
| 5. An airplane can weigh as much as a car.   | T | F |
| 6. Everything is made of molecules and particles, which are used to create lift.       | T | F |
| 7. The difference in air pressure that causes flight is known as the Bernoulli effect. | T | F |
| 8. It is very important to test out airplanes.   | T | F |
| 9. Wings do not need an angle of attack.   | T | F |
| 10. Helicopters use wings that turn to create lift.                                    | T | F |

### MAGIC SCHOOL BUS: TAKING FLIGHT

Task: Watch the video and circle the correct answer for each question.



- |   |  |
|---|--|
| 1. When an airplane tips upwards and the plane slows down it is called a: | 4. Birds use what to fly:                              |
| A. Stall  | A. Legs  |
| B. Lift   | B. Beaks   |
| C. Drag   | C. Wings   |
| D. Bubbles  | D. Eyes  |
| 3. The propeller does what?   | 5. Another way to make a propeller work is to:         |
| A. Keeps the plane moving forward.  | A. Shake   |
| B. Keeps the plane moving backwards.                                      | B. Peddle  |
| C. Allows the plane to travel on the ground.                              | C. Bounce  |
| D. Allows the plane to dive.  | D. Walk  |
|   | 6. What do the back feathers of a bird or airplane do? |
|   | A. Dance   |
|   | B. Propel  |
|   | C. Fly   |
|   | D. Steer   |

# UNIT REVIEW OR SUB PLANS

Video

[gQY  
m/video/x5iixl](https://www.youtube.com/watch?v=x5iixl...)  
Use the provided Google Slides:

our school board's paid video  
en linked. Always PREVIEW  
inks can change and

unit when you have a  
review activity. Showing  
catch up on their grading or  
re struggling.  
ut for each video they are

wers to each in a class

sed captions, depending on the

g.com

Lesson Overview:  
Students will work on reviewing

- Materials Needed:
- Bill Nye Flight Video:
    - Source 1: <https://www.schooltube.com>
    - Source 2: <https://youtu.be/...>
  - Photocopy a class set of the
    - Bill Nye - Flight

The best sources of these video streaming services, but YouTube every video before showing you advertisements may be inappropriate

- Teacher Instructions:
1. The video is about 20 – 25 minutes long.
  2. Save this video for a day that you can substitute teacher or use the video for educational videos gives teachers a conference 1-on-1 with students.
  3. Ensure students have the video going to watch.
  4. After watching each video, have a discussion.

- ESL & IEP Accommodations:
- Turn on closed captioning or subtitles to meet the needs of your students.

© http

# LESSON 11 & 12



## DRONES

### What Is A Drone?

A drone is an aircraft that flies without a pilot on board. Instead, it is controlled from the ground by a person using a remote control. It is called an "Unmanned Aerial Vehicle" or UAV.

### Drone Uses

Drones are used for many purposes, including military use, law enforcement, policing, marketing, film-making, agriculture and personal use.

Other drone uses include mapping, police with crowd control, 3D maps from crops, and inspection of structures such as buildings and bridges. There have also been uses for drones for home security and medicine. Drones can be used to help with search and rescue operations.

They can be equipped with a first-person view camera, which broadcasts to the controller on the ground. This provides a view to the ground controller as if they were actually on the drone as it flies. This also allows the device to fly higher and farther than it would otherwise.

## THINKING QUESTION

Assessment	Below Expectations	Meets Expectations	Above Expectations
	✓ -	✓	✓ +

In your opinion, is delivering packages by drone a good idea? Explain your thinking.

# DRONES NON-FICTION ARTICLE

## LESSON #12



## THE STORYLINE

### LOST AT THE AIRPORT



Your class is on a field trip to the local airport. You are thirsty and leave the group to find a water fountain. You open up a door and accidentally walk down a jetway that leads directly into an airplane. Once you realize where you are, you immediately try to exit the plane. The flight attendant tells you to sit down and wait for the next flight to take off.

# FLIGHT DIGITAL ESCAPE ROOM

## ESCAPE ROOM RULES



1. Once you and your team are ready to start, hit the timer button. You are not allowed to pause or change the time. Your teacher will tell you how much time to put on the timer.
2. Make sure you look at and read EVERYTHING in each section, including titles, images, etc.
3. Write answers in ALL CAPS with NO SPACES.
4. You are allowed ONE FREE HINT.
5. After your free hint, you are allowed two more hints, but they will cost you 3 minutes on the clock per hint!
6. Please do not Google the answers.
7. Please do not share your answers with other students.

## Room

Solve this digital escape room. You have 15 minutes to complete, but every class is different.

(one)

The instructions are provided

at contains an escape room section, open up the escape room section, open up the timer. Start the timer once you see the rules. Please play by the rules.

Time translation. Just hold the screen.

# LESSON FORMATS



**PDF**

✓ Individual & Whole Unit



**DIGITAL**

✓ Google Slides

**RESOURCE CAN BE USED IN-PERSON OR ONLINE**