

# Asthma

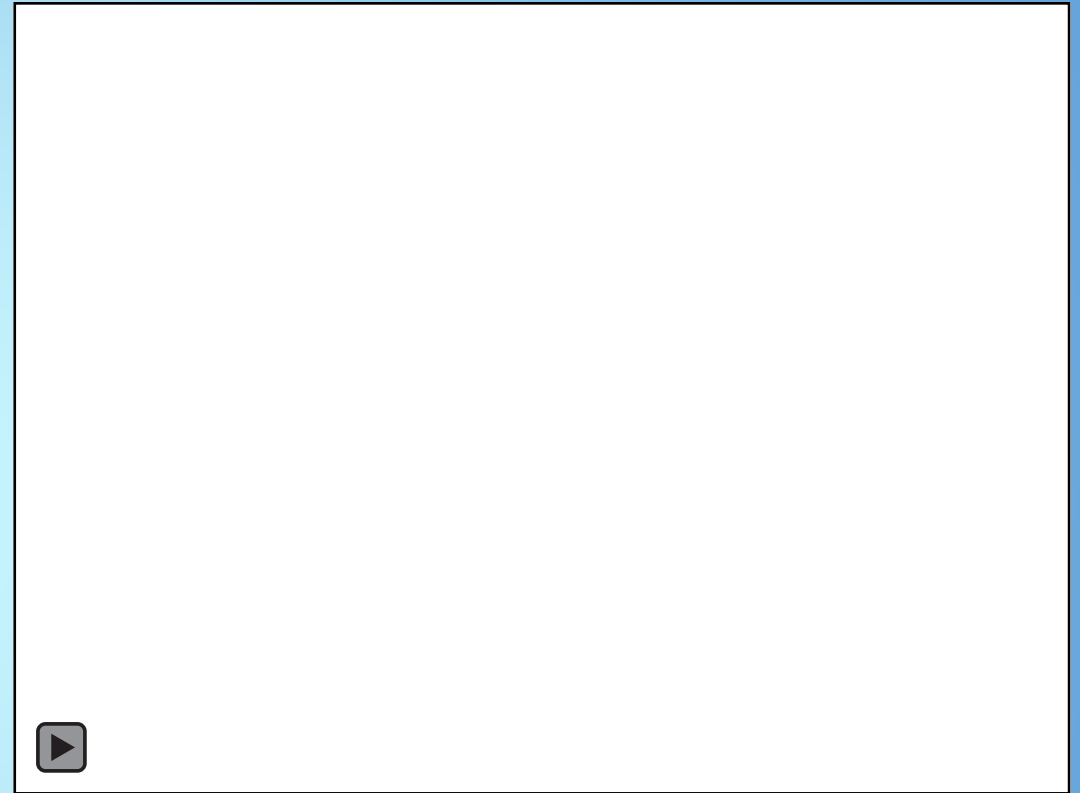
## 1. Question & Research Task

In your school, there are so many kids that have asthma.

Do you know what asthma is?

Do you know how to help someone who is having an asthma attack?

Before you can understand asthma, you need to understand how you breathe. Watch the video to learn about breathing!



The Respiratory System

Image and Video Source: Discovery Education by subscription

In this Slam Dunk, you will conduct brief, focused research to respond to the inquiry question:

**How can I help my friend during an asthma attack?**

## 2. Information Sources

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Next

Use these resources to help you learn more about what asthma is and how to control it.

Your teacher/librarian will give you the database login if needed.

What is asthma?

Asthma: Kids in Action

Asthma

Attacking Asthma

World Book Kids- Asthma

BrainPop Jr.- Asthma

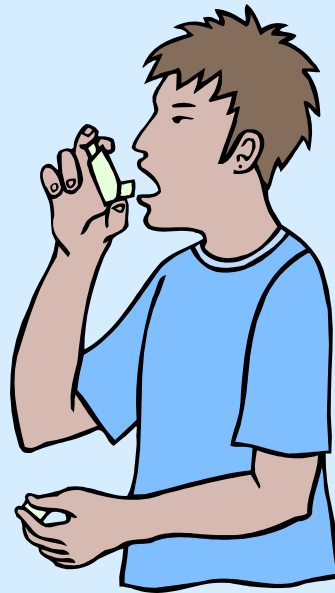
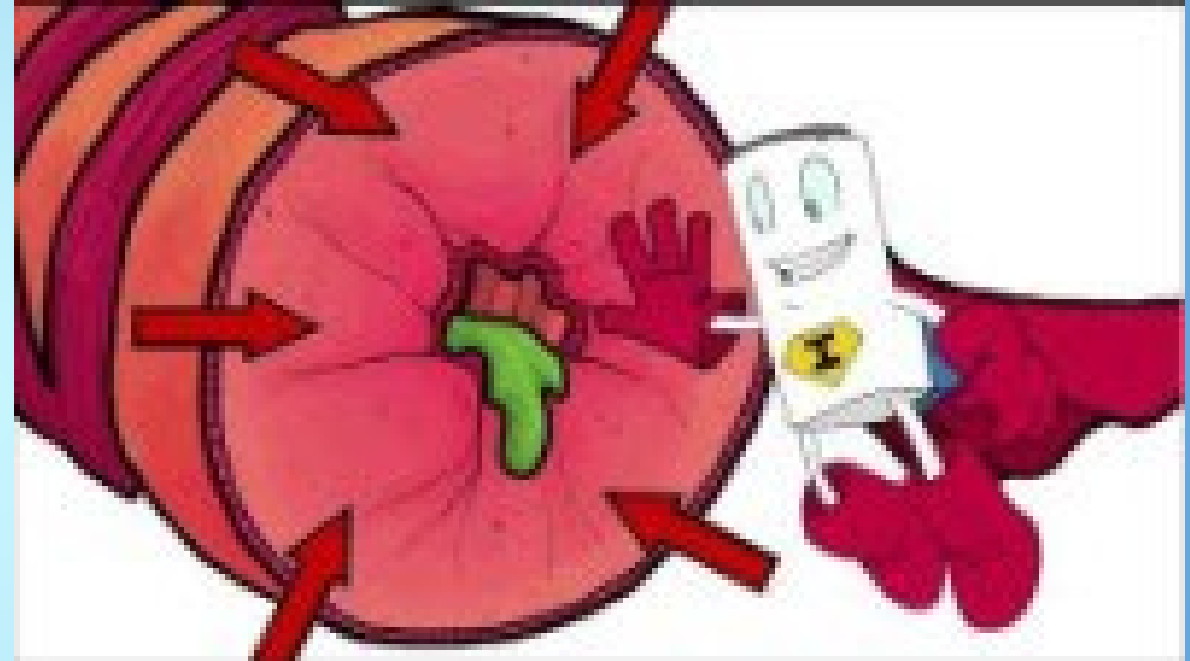


Image Source:  
Microsoft Office



Click the image to watch a video about asthma from BoosterShotComics.  
Image and video Source: youtube.com



Image source: Clipart.com by subscription

### 3. Student Activity

Using the resources on page 2, complete the organizer to gather information about asthma. This will also help with your final assessment.



Image Source: Microsoft Office

**Asthma Checklist**

What is asthma?	<hr/> <hr/> <hr/>
How to help someone with asthma.	<hr/> <hr/> <hr/>
Activities to do with a friend with asthma.	<hr/> <hr/> <hr/>

The form is titled 'Asthma Checklist' and contains a table with three rows for taking notes. Each row has a question on the left and three horizontal lines for writing on the right. There are four small inhaler icons: one in the top-left corner, one in the top-right corner, one in the bottom-left corner, and one in the bottom-right corner.

## 4. Assessment Activity

# How can I help my friend during an asthma attack?

Your best friend has asthma and is spending the weekend with you. You want to help your friend have a safe and fun time.

Using Google Slides, You need to create an asthma health plan in order to have a plan of what to do if your friend has an asthma attack.

Use the organizer from **slide 3** and what you have learned to create the health plan.

Click on the picture to the right to access your Google Slides template.

Use this [rubric](#) to help you!

## ASTHMA ACTION PLAN

By: \_\_\_\_\_



# 5. Enrichment Activities

SLIDE NAVIGATION

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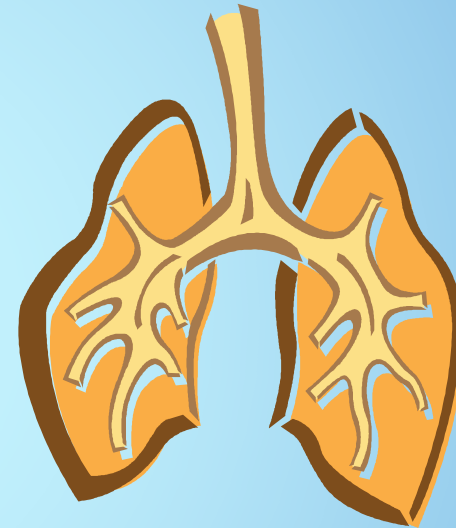
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Next



Buster's Breathless Story



Buster's Lung Defender

# 6. Teacher Resources

## Learning Standards Alignment

### NHES Standards and Performance Indicators

#### Standard 5

Students will demonstrate the ability to use decision-making skills to enhance health.

5.2.1 Identify situations when a health-related decision is needed.

5.2.2 Differentiate between situations when a health-related decision can be made individually or when assistance is needed.

### Common Core State Standards for English Language Arts & Literacy

**Reading: 1.** Read closely to determine what the text says explicitly and to make logical inferences from it; cite specific textual evidence when writing or speaking to support conclusions drawn from the text.

**Writing: 7.** Conduct short as well as more sustained research projects based on focused questions, demonstrating understanding of the subject under investigation.

**AASL Standards Framework for Learners** Inquire: Build new knowledge by inquiring, thinking critically, identifying problems, and developing strategies for solving problems.

Think: Learners display curiosity and initiative by:

I.A.2 Recalling prior and background knowledge as context for new meaning.

Create: Learners engage with new knowledge by following a process that includes:

I.B.1 Using evidence to investigate questions. I.B.3 Generating products that illustrate learning.

Share: Learners adapt, communicate, and exchange learning products with others in a cycle that includes:

I.C.1 Interacting with content presented by others.

Grow: Learners participate in an ongoing inquiry-based process by:

I.D.2 Engaging in sustained inquiry.

### P21 Framework: 21<sup>st</sup> Century Student Outcomes

**3. Information, Media & Technology Skills: Information Literacy:** Access information efficiently and effectively; Use information accurately and creatively for the issue or problem at hand.

**ICT Literacy:** Use technology as a tool to research, organize, evaluate and communicate information.

## SLIDE NAVIGATION

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## Grade 2 Health

**Objective:** Students will conduct brief, focused research in order to identify the symptoms and triggers for asthma and develop a plan to help a friend who has asthma.

**Time Frame:** Two 50 minute class periods

### Differentiation strategies for this lesson:

- Have students use learning supports provided in any BCPS Digital Content in the [Apps Portal](#) included in this lesson.
- Refer to [Digital Content Snapshot/Support pages](#) as needed.

### Notes to the teacher:

- Collaborate with your school library media specialist to plan and implement this lesson.
- Students will need headphones to complete this lesson.
- Teachers can print the materials needed or it can be done on a computer.
- Students will need access to Google Docs and Google Slides.
- Teacher needs to show students how to search for images in Google Slides.
- Students don't need to use all the resources available on page two.