

Healthy Voice

1. Question & Research Task

Did you know that your voice is an instrument? And just like any body part, there is a science dedicated to it! Vocology is the science of how we make sound.

The understanding of vocology is important in the field of *Vocal Performing Arts!* Artists like Adele, Keith Urban, Frank Ocean, Alicia Keys and Justin Timberlake have suffered from vocal injuries.



[Adele Cancels Remainder of Tour Reveals She 'Damaged' Vocal Cords](#)

Video Source: YouTube

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

How might an understanding of vocal health impact performance?

2. Information Sources

Choose several of the information sources linked here to complete the Student Activity on Slide 3.

[Voice Science Works](#) (Article)

[Vocal Injuries](#)

[Taking Care of Your Voice](#) (Article)

[Vocal Anatomy](#)

[Vocal Anatomy](#) (YouTube)

[Vocal Cord diagram](#)

[Disorders of Vocal Abuse & Misuse](#)

SLIDE NAVIGATION

[1](#)

[2](#)

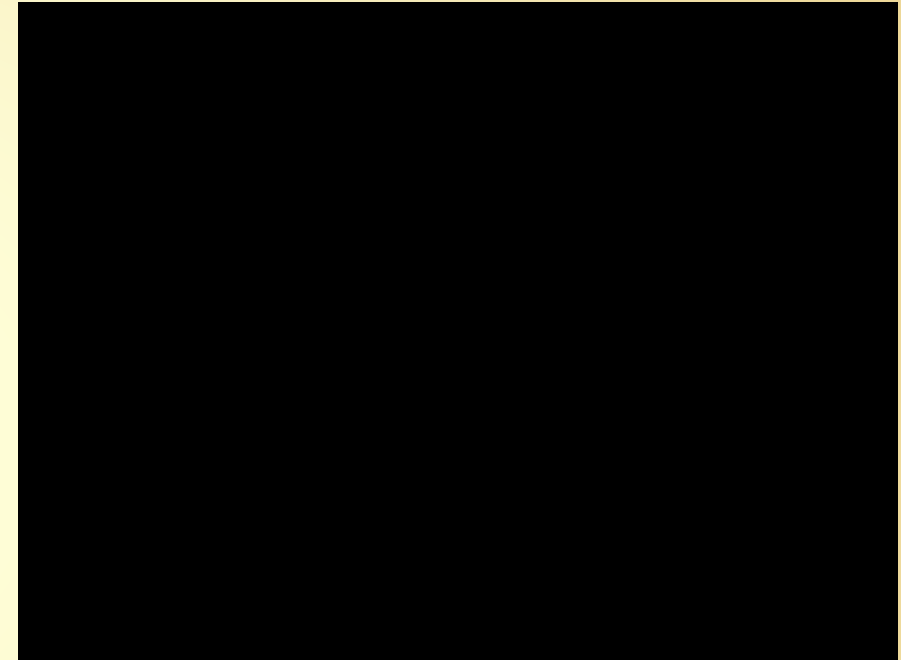
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Vocal Cord Anatomy in 2 Minutes

Video Source: [YouTube](#)

3. Student Activity

Use the resources on slide 2 to collect the following information on Vocal Health:

1. What is voice?
2. What can cause vocal problems?
3. What are the symptoms of an unhealthy voice?
4. How can you prevent problems?
5. Sketch the vocal anatomy or provide a copyright free image

Complete this [Cornell notes sheet](#).



Justin Timberlake had vocal nodules.

4. Assessment Activity

How might an understanding of vocal health impact performance?

Create a PSA on Vocal Health that will inform and benefit you and your fellow chorus classmates.

In groups of 2-3, create a presentation that explains how the voice works, what causes vocal problems, possible symptoms and treatments and most importantly, how to prevent problems. Connect this new learning to the impact on a singer's performance.

Ideas:

Slide presentation, video, poster, infographic



Queen Latifah Sings God Bless America Prior To Kickoff For Super Bowl XLIV In Miami.

Image Source: **Gale Document Number:** GALE|CT4099915947

5. Enrichment Activities

SLIDE NAVIGATION

1

2

3

4

5

6

Next



Photo by [Julius Drost](#) on [Unsplash](#)

Anyone can have a vocal disorder, not just singers. Anyone who uses their voice extensively, like your teacher, could develop a disorder.

Take a closer look at disorders by visiting [GBMC](#) or [Johns Hopkins](#) in Baltimore.

Create [Three Truths and a Lie](#) about a few of the vocal disorders that you read about.

6. Teacher Resources

<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>
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Learning Standards Alignment

Content Learning Standards

Connecting

Anchor Standard 10: Synthesize and relate knowledge and personal experiences to make art.

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: 21st 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.

Choral Music, Grades 9-12

Objective: Students will conduct brief, focused research in order to explain how an understanding of vocal health might impact performance.

Time Frame: 6 hours

Notes to the teacher:

- Teacher should preview all links for content.
- Collaborate with your school library media specialist to plan and implement 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 Snapshots & Support resources](#) for guidance as needed.
- Consider [using the Schoology Assignment Apps feature](#) to assign Microsoft and Google documents and files for students to access, edit, and submit through Schoology.

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