HOW IT WORKS:

Getting Started

- Presentations are booked in 60-90 minute time slots.
- Select the presentation that fits your class curriculum or another one of interest.











Preparing for your visit:

- Watch the Gibbon Livin' videos & discuss the thought questions.
- Students can work independently or in groups, then test their gibbon wisdom.
- Review the BIG IDEAS with your class, Dr. Jackie will discuss them with students.
- Take the protection pledge to help ensure gibbons survive and thrive in the wild!
- Come prepared to chat! Students can ask Dr. Jackie questions on the fly or have questions prepared for the Q&A portion of her visit.

On the day of your visit:

- Dr. Jackie will speak for 30 minutes with a curriculum linked visual presentation.
- Students will then have the remainder of the time to ask questions and engage in group discussion about the BIG IDEAS related to their class.

Video links and Activity Resources:
www.prime-earth.org/gibbon-livin

SCIENCE GRADES 9-12: PRESENTATION OPTIONS

SNC1W — Studying Wild Gibbons

Gibbons are an important part of their dynamic rainforest ecosystems in southeast Asia. In this presentation, Dr. Jackie discusses how and why we study gibbons in the wild, addressing the importance of investigating real-world issues through scientific inquiry.

Curriculum Links:

- Understanding dynamic and interconnected ecosystems
- Real-world applications of scientific investigation
- Effects of human activities on the equilibrium of ecosystems

SNC2D — Primate Life in the Trees

Gibbons have unique musculo-skeletal systems making them highly specialized tree-dwelling primates. In this presentation, Dr. Jackie will compare monkey, ape, and human systems (cardiovascular, digestive, muscular, & skeletal). Then delve into why protecting forests will ensure gibbons don't go extinct.

Curriculum Links:

- Similarities and differences in primate biological systems
- Real-world applications of understanding animals' biological systems
- Human impact on the environment and sustainability

SNC2P — Gibbons in the Treetops

Gibbons can move faster than any other creature living in the trees, thanks to their unique long arms and strong hands. In this presentation, Dr. Jackie will discuss what it is about their biology that makes them so special, why it's important to study wild gibbons, and how we can help stop the destruction of their habitat to save them from extinction.

Curriculum Links:

- The importance of understanding the biological systems of animals
- Similarities between human and other animal's biological systems
- Human impact on the environment and sustainability

SBI3U — Primate Evolution & Ecology

Gibbons and human are 96% genetically similar. In this presentation, Dr. Jackie discusses distinguishing characteristics of the Primate Order, giving a brief overview of primate evolution, then discusses the importance of understanding our closest living relatives, and what life is like in the jungle for gibbons.

Curriculum Links:

- Diversity of living organisms – taxonomy, phylogeny, & unifying/distinguishing anatomical & physiological traits
- The process of change over time
- Human impact on the environment and sustainability

SBI3C — Primate Traits & Ecology

Gibbons and human are 96% genetically similar. In this presentation, Dr. Jackie discusses characteristics that distinguish the Primate Order from other mammals, the important ways the anatomy of primates shapes their behaviour, and what life is like in the jungle for gibbons.

Curriculum Links:

- Understanding the structures, functions, and interactions of mammal anatomy
- Real-world applications of scientific investigation
- Human impact on the environment and sustainability

SVN3E — Current Conservation Issues

All 20 species of gibbons are on the verge of extinction in the wild. In this presentation, Dr. Jackie discusses the complex 'soap opera' lives of gibbons. Then delves into the current conservation issues of habitat loss and wildlife poaching that are affecting their populations in the wild.

Curriculum Links:

- Impact of large-scale deforestation
- Sustainable use of resources and its relationship to the biodiversity
- Human impact on the environment and sustainability

SBI4U — Gibbon Population Dynamics

All 20 species of gibbons are on the brink of extinction in the wild. In this presentation, Dr. Jackie discusses the complex 'soap opera' lives of gibbons. Then delves into the current conservation issues affecting their populations in the wild and what we can all do to help ensure they survive.

Curriculum Links:

- Population dynamics and disrupting ecosystems
- Real-world scientific investigation: competition, predation, and intraspecies interactions in gibbons
- Human impact on the environment and sustainability

SNC4M — Biodiversity & Public Health

As humans continue to exploit other animals and destroy natural wildlife habitats, close contact with other animals increases the risk of disease transmission. In this presentation, Dr. Jackie will discuss similarities and differences between human and ape immune systems, and how we can prevent future pandemics before they start.

Curriculum Links:

- Global approaches to public health to prevent future pandemics
- Social factors that promote the rapid spread of diseases
- Human impact on the environment and sustainability

SOCIAL SCIENCE & CAREER ED | PRESENTATION OPTIONS

HSP3U/C

Always Looking Up

Follow Dr. Jackie's journey from her first anthropology class in high school through university to studying gibbons in Thailand and starting Prime Earth. In this presentation, Dr. Jackie will discuss the value of anthropology, the lessons she's learned from fieldwork, and how working diligently on the things you love to do leads to success.

Curriculum Links:

- 4-fields of Anthropology and the importance of primatology
- Anthropological research methods
- Understanding human behaviour

HSB4U

Global Social Challenges

Wild gibbons are on the verge of extinction because their forest homes are being destroyed at an alarming rate. In this presentation, Dr. Jackie discusses the global inequality drivers contributing to massive deforestation in southeast Asia, how it's affecting gibbons and people locally, and what social change is required to turn things around for all of us.

Curriculum Links:

- The impact of unfair or unjust exploitation of people or resources, locally and globally
- Environmental degradation and unchecked exploitation
- Creating social change

GLC20
GWL30

Jackie's Journey

Follow Dr. Jackie's journey from high school through university to studying gibbons in Thailand and starting Prime Earth. In this presentation, Dr. Jackie speaks about the importance of taking responsibility for your life, figuring out what brings you joy, and working diligently on the things you love to do to find success.

Curriculum Links:

- Success habits & transferable skills
- The importance of resilience and perseverance in school, life and work
- Preparing for future opportunities

WHAT TEACHERS & STUDENTS ARE SAYING ABOUT VIRTUAL VISITS WITH DR. JACKIE:

GR 11 TEACHER

I've invited Dr. Jackie into my classroom for the past 5+ years (whenever she's in the country) and she's always been so informative and engaging - my students have always enjoyed her presentations and talked about it after-the-fact.

SOPHIA, GR 11

I loved Dr. Prime's presentation! She was very enthusiastic, and taught me much about gibbons and what amazing creatures they truly are. Her story made me realize that I can be successful in a job that I love while also making the world a better place!

JANEUEL, GR 12

Dr. Jackie thoroughly engaged us with her welcoming and passionate presentation! I loved hearing about how she got to where she is today, and I especially loved the discussion aspect where she answered each of our questions with consideration.

GR 12 TEACHER

Dr. Jackie was an amazing guest speaker. Her honesty with us was appreciated and allowed my students to feel comfortable with her to ask questions they may not have asked before.... What an amazing experience and one that my students and I will remember for years to come.

HUNTER, GR 10

It was very interesting to see how someone from a place like where I live managed to travel across the world and become one of a few people to study gibbons.

JORDAN, GR 10

I enjoyed the presentation very much. While I first expected it to not relate to any experience I may have in working, the presentation actually did apply and help me think about future career paths.

GR 12 TEACHER

This presentation will be something we incorporate into our classes for many more years to come! Thank you Dr. Jackie for sharing your life passion with us!

GR 12 STUDENT

Dr. Jackie thoroughly engaged us with her welcoming and passionate presentation! I loved hearing about how she got to where she is today, and I especially loved the discussion aspect where she answered each of our questions with consideration.