

UPGRADE to the Bundle

Crash Course BIOLOGY (2012 SERIES) 40 Episode Series Bundle

- ✓ Classroom Ready - Just Print and Go!
- ✓ Active Engagement - Keep Students' Attention
- ✓ Direct Video Link Included

WATCH VIDEO

ALL 40 Episodes with Answer
Keys and Direct Video Link

CLICK HERE

Crash Course Biology (2012) #36: Nonvascular Plants

Name: _____ Date: _____

You can access the video here → <https://youtu.be/iWxX97pdy9U?si=z8LUXaDOUkDk7dRl>

- _____ are plants that lack specialized conductive tissues and stay small and simple.
- Vascular plants move water and nutrients through _____ like roots, stems, and leaves.
- Because they have no true roots, non-vascular plants absorb water cell-to-cell by _____.
- Minerals spread through non-vascular plants mainly by _____.
- The collective name for mosses, liverworts, and hornworts is _____.
- The fuzzy green patches we commonly see on logs and rocks are usually _____.
- The flat, liver-looking non-vascular plants described in the transcript are _____.
- Plants use a life cycle called _____, alternating between two distinct generations.
- The green, leafy stage you recognize in bryophytes is the _____ generation.
- Remaining attached to the female, the diploid _____ grows and relies on her for water and nutrients.
- A _____ is the capsule on the sporophyte where haploid reproductive cells are produced.
- Haploid reproductive cells released to start the next generation are called _____.
- Male bryophyte gametes are made in the _____, the male reproductive structures.
- Eggs are produced within the female bryophyte structures known as _____.
- After a spore lands on moist ground, it first grows into a filament called a _____.

Crash Course Biology (2012) #36: Nonvascular Plants - KEY

- Non-vascular plants** are plants that lack specialized conductive tissues and stay small and simple.
- Vascular plants move water and nutrients through **tissues** like roots, stems, and leaves.
- Because they have no true roots, non-vascular plants absorb water cell-to-cell by **osmosis**.
- Minerals spread through non-vascular plants mainly by **diffusion**.
- The collective name for mosses, liverworts, and hornworts is **bryophytes**.
- The fuzzy green patches we commonly see on logs and rocks are usually **mosses**.
- The flat, liver-looking non-vascular plants described in the transcript are **liverworts**.
- Plants use a life cycle called **alternation of generations**, alternating between two distinct generations.
- The green, leafy stage you recognize in bryophytes is the **gametophyte** generation.
- Remaining attached to the female, the diploid **sporophyte** grows and relies on her for water and nutrients.
- A **sporangium** is the capsule on the sporophyte where haploid reproductive cells are produced.
- Haploid reproductive cells released to start the next generation are called **spores**.
- Male bryophyte gametes are made in the **antheridia**, the male reproductive structures.
- Eggs are produced within the female bryophyte structures known as **archegonia**.
- After a spore lands on moist ground, it first grows into a filament called a **protonema**.

15 Questions

Answer Key Included

Save 85% per worksheet!

Buyer Comments From My Video

Worksheet Bundles

★★★★★ Extremely satisfied "I like the versatility of this. For my more independent students, they can do this for extra credit or sub work. For my classes who need more help, we watch as a class and pause and discuss along the way. Great to help with vocabulary due to videos, and writing."

★★★★★ Extremely satisfied "This is a great resource to challenge my students as well as provide an outline for them as they go. It acts as guided notes to check their understanding and help guide them through the videos."

Buyer Comments From My Video Worksheet Bundles

★★★★★ **Extremely satisfied** "I like the versatility of this. For my more independent students, they can do this for extra credit or sub work. For my classes who need more help, we watch as a class and pause and discuss along the way. Great to help with vocabulary due to videos, and writing."

★★★★★ **Extremely satisfied** "This is a great resource to challenge my students as well as provide an outline for them as they go. It acts as guided notes to check their understanding and help guide them through the videos."

★★★★★ **Extremely satisfied** "This is perfect for my students who have missed class and need a quick review. I also love these for sub days."

★★★★★ **Extremely satisfied** "This bundle will be a great investment for extending learning and challenging my 7th grade classes!"

★★★★★ **Extremely satisfied** "User friendly. Students were engaged and liked the activity."

★★★★★ **Extremely satisfied** "This works great! They can listen on their own with a link in google or as a whole class for kids that need more help with focusing."

★★★★★ **Extremely satisfied** "This is a great lifesaver for easy sub plans and quick reviews."

★★★★★ **Extremely satisfied** "Thank you these are great at building background knowledge and helping my special needs students keep up with their regular."