

The Friday Zone

"Season of the Cicada"

Script – draft May 19, 2004

(Running time approximately 28.5 minutes)

Show description: Season of the Cicada – Join host Echo Shappell and her guests as they explore the phenomena of periodical cicadas. You'll see amazing, larger than life images in this special Friday Zone presentation examining the life cycle and impact of the 17-year cicada. Echo's special guests include IU biologist Keith Clay, Wonderlab director Karen Jepson-Innes and students from Harmony School. Also on the show are two biology students who find the insects simply cicadalicious.

Scene	Video	Audio
1. TEASE	Talent: Echo & a cicada Location: TBA	
	ECU Cicadas	Echo VO: Cicadas are everywhere!
	MCU Echo with cicada	Today in the Friday Zone we're going to find out all about the cicadas. So stick around and we'll see what the "buzz" is all about.
2. OPEN		
3. WELCOME	Talent: Echo Location: TBA	
	MS Echo walking towards camera & pauses	Echo on camera: Hello, I'm Echo. Welcome to a very special edition of the Friday Zone. It's so special that it only happens every 17 years! Our show is about the 17-year cicadas.
4. SEGUE TO QUESTIONS	Talent: Echo Location: Griffy Woods	
	B-roll cicadas	Echo VO: It's hard not to get up close and personal with the cicadas - they're everywhere! Are they safe?
	Camera pulls back to show she or someone covered with them. (snap zoom) MCU Echo	Of course they are! Echo: We'll find out more about them soon, but first here are some Harmony School students who have some great questions about cicadas. You might have some of your own.

5. QUESTIONS

Talent: Harmony School kids
Location: Harmony School

Montage of kids asking cicada questions - Inter cut cicada shots (lots of extreme close ups!)

Music Up & Under questions from kids:

What are they?
Where do they live?
Etc
End on "Do they bite? & Are they dangerous?"

6. WINGED INVADERS!

This short B & W segment is a takeoff on a 1950s creature feature movie. (Period music, film grain will clarify the fact that it's an old movie – not reality)

Huge cicadas roaming the earth

Creature/feature music up

Woman screams

CG "They came from beneath the ground!"

Sky blackened with winged insects

"Winged invaders!"

7. SEGUE TO CICADA BASICS

Talent: Echo
Location: Harmony School

MCU Echo

Echo: [laughs] Just joking- It's not really the end of the world, or a plague of locusts. Cicadas are safe, at least to people. Earlier I talked to Keith Clay, a research biologist from Indiana University who has been studying cicadas. Let's take a look.

Graphic: Cicada transition

8. CICADA BASICS

Talent: Echo & Keith
Location: Griffy Woods

MCU Echo walking – pulls out to 2-shot with Keith

Hi Keith. Thanks for coming into the Friday Zone. [Echo & Keith exchange pleasantries]

So we're in the Griffy Preserve, one of the places you study cicadas, right?

What can you tell us about these cicadas that we've been seeing all over?

Graphic: animated Brood "X" cicada profile

Keith covers: aphid-like, sap sucking insect, don't bite, unique 17-year life cycle, largest known outbreak. Emphasizes they are harmless to humans, but can be dangerous to small, soft-barked trees.

9. TYPES OF CICADAS

Echo

Echo: What kinds of different cicadas are there? Do they all spend 17 years underground?

MCU Keith

Keith: Not all cicadas follow a 17-year cycle. (Annual/dog day verses periodical cicadas)

Graphic: split screen with annual cicada on left and periodical on right

10. SEGUE TO WHERE THEY LIVE.

FZ Graphic: Where do cicadas live?

FZ transition music up and under kid's question: Where do cicadas live?

11. WHERE THEY LIVE

Echo: I'm sure that Southern Indiana isn't the only place you can find cicadas. Where else do cicadas live?

Graphic: world map for annual cicadas & North American map for periodical cicadas.

Keith covers: Cicada habitats for both annual/dog day & periodical cicadas. (Cicadas are found on every continent except Antarctica) Also covers what parts of the country and world they live in

12. SEGUE TO "LIFE CYCLE"

CU cicadas

Echo VO: Before coming out of the ground, the last time these cicadas were out is when they were hatched 17 years ago- in 1987. What goes on in the life of a cicada?

13. LIFE CYCLE

Production note: this is one of the longest components at approximately 5 minutes.

MCU Keith

Keith covers: Hatching in 1987, burrowing into ground, sucking on roots, emergence, climbing up trees, coming out of their shells, unfolding their wings,

Graphic: 17-year timeline

	Cutaways of cicadas coming out of the ground, climbing up on branches, coming out of their shells, unfolding their wings, and learning to fly	mating, laying eggs in branches, larvae hatching and dropping to the ground.
	2-shot Echo & Keith	Echo: Thanks for all the incredible cicada information Keith. Good luck with your research project.
	Graphic: Cicada transition	
14. SEGUE TO SOUND/WONDERLAB	Talent: Echo & Harmony School kids Location: Harmony School	
	CU cicadas MCU Echo	Cicada singing Up then under Echo: It's hard to go anywhere without hearing the sound they make. Why do they make noise?
	MLS Echo with Harmony School kids	Let's take a trip over to the Wonderlab and see a unique cicada exhibit they have on display.
	Group exits frame to right	Harmony kids express their approval
	Tilt up on Ext of Wonderlab	
15. WONDERLAB	MS Karen Jepson-Innes at video magnifying station.	
	ZOOM OUT to show Echo & a few kids entering frame	Echo: Hi Karen thanks for having us over at the Wonderlab.
	Echo looking at video display	Echo & Karen exchange pleasantries
	MS Karen at display	Echo: Wow that's the closest look at a cicada I've ever seen!
	A Harmony School kid sits down at the videocam	Karen: That's right. With the magnifying videocam we can get a real close-up look at cicadas. Do you want to take a look? Harmony School kid: Sure!

	CU from videocam	Karen: There are a lot of things you can see, such as how to identify the male & female cicadas.
	MS Karen begins demonstration	Here, let me show you. Karen covers identification, finding the timbles, looking at the ovipositor, seeing the damage that that they cause to small branches Echo & Kids thank Karen
	Cicada transition	Music Up then under Echo
16. PREDATORS	Talent: Echo & the Harmony School kids Location: Harmony School	
	MCU Echo	Echo: Do cicadas have predators? You bet!
	CU dogs, birds, squirrels CU person munching something	Echo VO: A lot of animals find them to be tasty treats. Their predators include cicada wasps, birds, dogs- even people!
17. SEGUE TO YUMMY CICADAS	CU plate of yummy cicada treats. ZOOM OUT to show Kelly & Liz.	Would you like to try a cicada? Considered a delicacy by some, you might be surprised at how many people like to eat them.
	Echo walks up to Kelly & Liz	Hi Kelly. Hi Liz. I understand you have some tasty treats to share with us. Kelly or Liz: That's right...
18. YUMMY CICADAS	Kelly & Liz with Echo & kids. [be sure to get close-ups of Echo & kids looking grossed out!]	Liz & Kelly demonstrate some tasty cicada dishes to the Harmony School kids. (Warning about food allergies, should be cooked, good source of protein, recipes, resources for cooking)

Optional questions for Echo:

Are they safe to eat?

How did you get interested in eating cicadas?

Do you like the way they taste?

What do they taste like?

Besides you, who likes to eat them?

To kids: Who wants to try some?

19. CICADA TIDBITS

MCU Echo

Echo: In addition to being a food source for animals, (and people), cicadas have been used for certain ailments. And some find them pretty enough to model jewelry after.

CU Cicada necklace

FZ cicada transition

Music Up the Under Echo VO:

CU cicadas

Regardless of your feelings about cicadas, these unique creatures are only here temporarily. It will be another 17 years before their offspring emerge from the ground to repeat the cycle again.

20. MUSIC INTERLUDE /
CICADA "COOL
THINGS" MONTAGE

Quick cuts of cicadas in
action intercut with kids &
others giving soundbites

Harmony kids and others describing "cool things" about cicadas. "I like how they fly" "I like putting the shells on my sister", "I like the sound that they make."

21. CLOSE

MCU Echo
ZOOM OUT to
WS Echo & the Harmony
School kids

Echo: That's all the time we have. I want to thank my guests and all of the Harmony School kids who helped us discover cicadas. Thanks for watching. See you next time on the Friday Zone!

22. ROLL CREDITS