

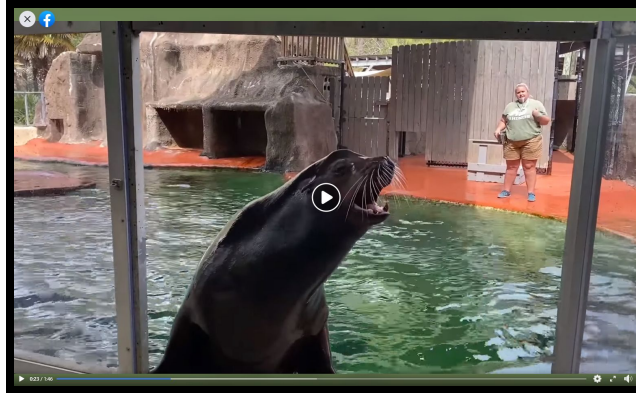


Virtual Zoo Educational Resources

The Birmingham Zoo's *Virtual Zoo* is a great source of fun and engaging material for students of all ages. Each video will allow you to join us as we take you behind the scenes to learn some amazing things about the animals and staff at the Birmingham Zoo! Videos are accompanied by fun activities, vocabulary and curriculum standards for relevant grade levels.

Titles

Animal Artists	Giant Anteater Enrichment
Collective Nouns for Animal Groups	Hawk Training
Elephant Trunk Wash	Lion Enrichment
Fishing Cat Training	North American River Otter Training
Flamingo Round-up	Red Panda Training
Flying Bird Training	Sheep Weigh-in



Collective Nouns for Animal Groups -- Whether it is an earth of foxes, a tower of giraffes or a bloat of hippos, animal groups have some pretty strange names

- **Activity Sheet** – Create a Collective Noun Collage. [HERE](#)
- **Key Vocabulary** -- collective noun, figurative language
- **Standards Connections** --

	Alabama Course of Study: ELA	Common Core Standards: ELA
K - 2	2.35a	K-L-1a, 1-L-1a, 1-L-1b, 1-L-2d, 2-L-1a, 2-L-1b, 2-L-2e
3 - 5	4.42, 5.42a	3-L-1b, 3-L-2g, 3-L-5b, 4-L-5, 5-L-5,
6 - 8	6.41, 7.40, 8.40	MS-LS2-1, MS-LS2-3, MS-LS2-4, MS-LS2-2, MS-LS1-5, MS-ESS3-3, MS-ESS3-4, MS-ETS1-4
9 - 12	9.40, 10.41, 11.39, 12.39	HS-LS2-1, HS-LS2-2, HS-LS2-6, HS-LS2-8, HS-LS4-6, HS-LS4-5



Animal Artists -- Learn about one of the unique training and enrichments that our keepers do with some animals as they learn to create their own amazing art pieces.

- **Activity Sheet** – Fun art activities you can do at home... [HERE](#)
- **Key Vocabulary** -- enrichment, husbandry, behavior, sensory, bridge, operant conditioning, positive reinforcement, capture a behavior, shaping a behavior
- **Standards Connections** --

	Alabama Course of Study: Science	Next Generation Science Standards
K - 2	K.4, 1.5, 2.7	K-LS1-1, 2-LS4-1
3 - 5	3.5, 3.7, 3.8, 3.11b, 4.9, 4.11, 5.16	3-LS3-2, 4-LS1-1, 4-LS1-2, 5-ESS3-1
6 - 8	7.8, 7.10	MS-LS1-8, MS-ESS3-3
9 - 12	Environmental Science: 6	HS-ESS3-3



[North American River Otter Training](#)-- Go with Jesse behind the scenes to meet our North American River Otters and see first-hand how they participate in training sessions with our Animal Care Professionals.

- **Activity Sheet** – Learn to train an “animal” just like a Zookeeper by playing the Training Game. [HERE](#)
- **Key Vocabulary** -- training, enrichment, diet, station, bridge, shape, behavior
- **Standards Connections** --

	Alabama Course of Study: Science	Next Generation Science Standards
K - 2		
3 - 5	4.9, 4.11	4-LS1-1, 4-LS1-2
6 - 8		
9 - 12		



Red Panda Training -- Take a trip with Jesse to the Predator building to meet Sorrel, our female red panda, and watch as she participates in a training session with one of our Animal Care Professionals!

- **Activity Sheet** – Learn to train an “animal” just like a Zookeeper by playing the Training Game. [HERE](#)
- **Key Vocabulary** -- behaviors, medical, ultrasound, Species Survival Plan, carnivores, diet, browse, enrichment, pseudothumb, adaptation, voluntary, positive reinforcement
- **Standards Connections** --

	Alabama Course of Study: Science	Next Generation Science Standards
K - 2	K.3	K-LS1-1
3 - 5	4.9, 4.11	4-LS1-1, 4-LS1-2
6 - 8		
9 - 12		



Lion Enrichment -- African lion pair, Kwanza and Akili, enjoyed various holiday themed enrichment during our St. Patrick's Day activities!

- **Key Vocabulary** -- enrichment
- **Standards Connections** --

	Alabama Course of Study: Science	Next Generation Science Standards
K - 2		
3 - 5	4.11	4-LS1-2
6 - 8		
9 - 12		



[Sheep Weigh-in](#) -- Join Jesse and our Animal Care Professionals in Children's Zoo for a behind the scenes trip to the Health Center to see how we care for our sheep.

- **Key Vocabulary** -- weight, Health Center, hoofstock, fleightly, 'jackpotting'
- **Standards Connections** --

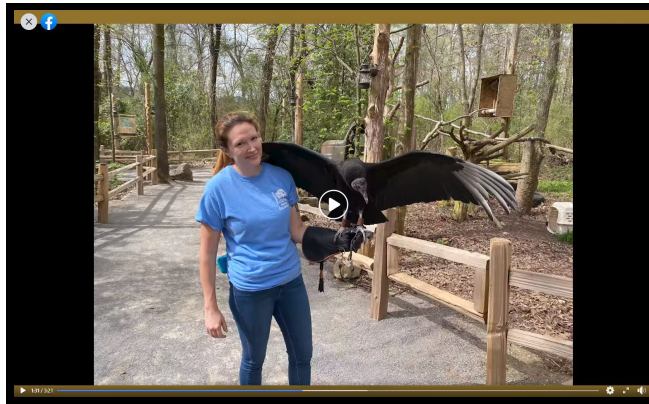
	Alabama Course of Study: Science	Next Generation Science Standards
K - 2		
3 - 5	4.11	4-LS1-2
6 - 8		
9 - 12		



[Fishing Cat Training](#) -- Join Jesse on a trip to the Predator building to meet up with an Animal Care Professional for a training session with one of our male Fishing cats!

- **Activity Sheet** – Learn to train an “animal” just like a Zookeeper by playing the Training Game. [HERE](#)
- **Key Vocabulary** -- blood draw, motivated, voluntary
- **Standards Connections** --

	Alabama Course of Study: Science	Next Generation Science Standards
K - 2		
3 - 5	4.11	4-LS1-2
6 - 8		
9 - 12		



Flying Bird Training -- Join Jesse to meet up with our Animal Care Professionals in Children's Zoo and Ambassador Animals, to learn what it takes to train our birds!

- **Activity Sheet** – Learn to train an “animal” just like a Zookeeper by playing the Training Game. [HERE](#)
- **Key Vocabulary** -- anklets, bird of prey, raptor, jesses
- **Standards Connections** --

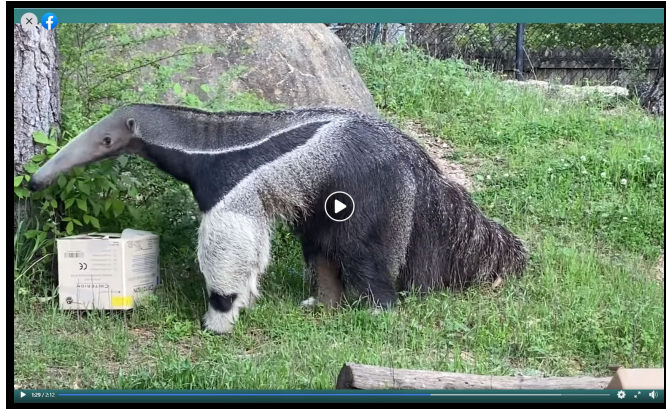
	Alabama Course of Study: Science	Next Generation Science Standards
K - 2		
3 - 5	4.9, 4.11	4-LS1-1, 4-LS1-2
6 - 8		
9 - 12		



Hawk Training -- Join Jesse and our Ambassador Animal staff for a quick training session with one of our raptors!

- **Activity Sheet** – Learn to train an “animal” just like a Zookeeper by playing the Training Game. [HERE](#)
- **Key Vocabulary** -- raptor, creance line, transponder
- **Standards Connections** --

	Alabama Course of Study: Science	Next Generation Science Standards
K - 2		
3 - 5	4.9, 4.11	4-LS1-1, 4-LS1-2
6 - 8		
9 - 12		



Giant Anteater Enrichment -- Join Jesse for a trip to the South America/Primates building for enrichment time with Carlito, our Giant anteater!

- **Activity Sheet** – No activity at this time
- **Key Vocabulary** -- enrichment, snout, ant mound, adaptation
- **Standards Connections** --

	Alabama Course of Study: Science	Next Generation Science Standards
K - 2		
3 - 5	4.9, 4.11	4-LS1-1, 4-LS1-2
6 - 8		
9 - 12		



Flamingo Round-up -- Join Jesse to meet up with our veterinary and bird staff for our annual flamingo health exams, affectionately known as the flamingo roundup!

- **Key Vocabulary** -- check-up, vaccines, preen gland
- **Standards Connections** --

	Alabama Course of Study: Science	Next Generation Science Standards
K - 2		
3 - 5	4.9	4-LS1-1
6 - 8		
9 - 12		



Elephant Trunk Wash-- Join Jesse and our Elephant Care Professionals for a routine medical procedure with our bachelor herd, to make sure our boys stays nice and healthy!

- **Key Vocabulary** -- medical procedure, saline solution, epithelial cells
- **Standards Connections** --

	Alabama Course of Study: Science	Next Generation Science Standards
K - 2		
3 - 5	4.9, 4.11	4-LS1-1, 4-LS1-2
6 - 8		
9 - 12		