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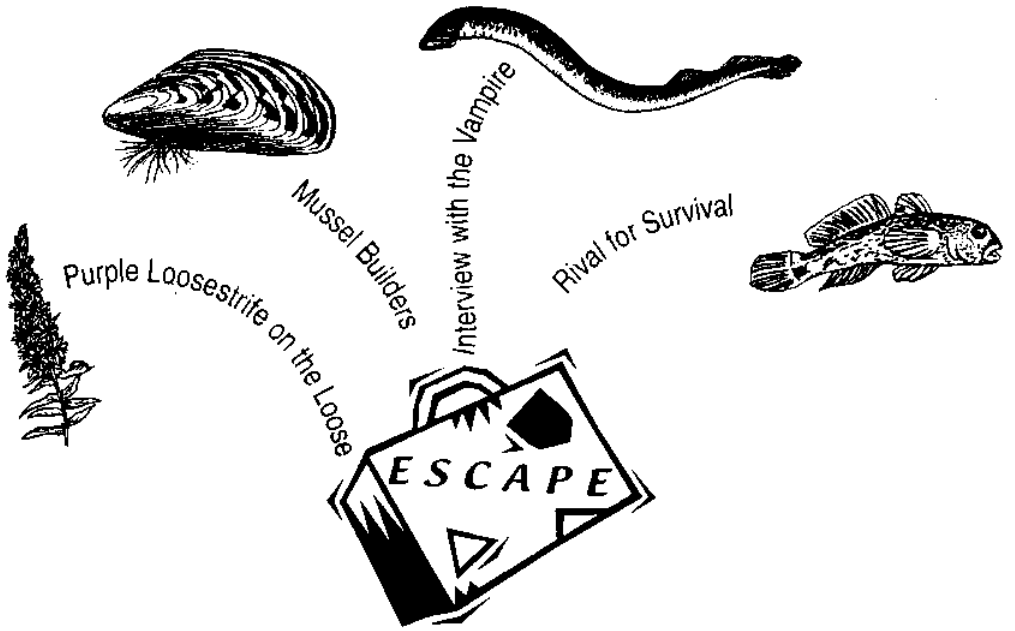

Exotic Species Compendium of Activities to Protect the Ecosystem

36 hands-on classroom activities

Simulations • games • puzzles • newspaper stories • outdoor labs • and more!

- Enhances units on ecology and biodiversity
- Teaches about non-native aquatic species in a fun way
- Contains multi-disciplinary lessons

A project of the
Sea Grant
Great Lakes Network

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E S C A P E: Exotic Species Compendium of Activities to Protect the Ecosystem

Activities from Exotic Species Day Camp--A Great Lakes Sea Grant Network Education Project

Activity Name	Type of Activity	Curriculum	Grade	Grade	State	Author(s)
Attention: Exotic Species Alert	Species Research, Presentation of Results	Science, Language Arts, Art	K	12	IN	Mettert, Mark L. and Wendy Hummer
Awareness of Aquatic Exotic Species	Puzzle Making	Science, English, Reading Comprehension	3	5	IN	Smith, Joan
Be Creature Creative	Wetland Simulation through Art	Science, Art	3	8	OH	Durbin, Jan et al
Beat the Barriers	Board Game	Science, Social Studies	5	6	NY	Nowak, Rosemary
Beware! Invaders!	Song	Science, Music, Language Arts	2	5	NY	Flaherty, Cynthia M.
But I Was Here First	Population Demonstration	Science, Math and Social Studies	4	6	IN	Lord, Pam
Can There Be Too Much of Something Pretty?	Population Demonstration	Science, Math, Language Arts, Social Studies	4	6	NY	Brooks, Tracey
Cyber Exotics--Sharing and Interpreting Data on Water Quality	Site Visit--Water Quality Monitoring	Science	7	12	MN	Schoeneck, Marlene
Designer Species--Using Exotic Species to Design Experiments	Experiment Construction	Science, Biology, English, Math	9	10	IL	Tosto, Pat and Jon Venckus
Don't Stop for Hitchhikers	Role Playing Activity	Science, Social Studies	4	8	MN	Edwards, Peter L.
Exotic Aquatics Rule	Research	Anatomy, Animal Behavior, Ecology, Geography	7	12	MN	Shoeneck, Marlene
Exotic Jewelry	Bracelet Making Activity	Science, Language Arts, Art	5	8	IN	Trgovich-Zacok, Diane, et al
Exotic Stitch and Collage Project	Collage Construction	Science, Math, Language Arts, Art	5	12	WI	Netzler, Carol
Fishing for Exotic Clues	Research and Presentation of Results	Science, Math, Language Arts, History, Economics	6	8	OH	Trzebuckowski, Tracey A. and Troy
Great Lakes Grief	Newspaper Making Activity	Science, English, Art, Social Studies	6	10	NY	Malkowski, Loretta
How Can Purple Loosestrife be Controlled?	Population and Eradication Demonstration	Science	5	8	OH	Mourad, Teresa
Impact of Purple Loosestrife on a Wetland	Species Research, Presentation of Results	Science, English	3	8	OH	Durbin, Jan et al
Interview With a Vampire	Research and Presentation of Results	Science, English, Writing	7	12	NY	Ewell, Cara
Invader Species of the Great Lakes	Puzzle Solving and Presentation of Results	Science, Social Studies, English	4	6	MI	Alvaro, Jim
Loosestrife Loving Beetles for Biological Control	Experiment--Beetle Rearing	Math and English	6	12	MI	Patterson, Bruce
Making Mobiles	Mobile Making Activity	Science, Art	3	6	IL	Lee, Elaine Philip et al
Mussel Builders	Zebra Mussel Making Activity	Science, Language Arts, Art	K	3	IL	Tressler, Angie
Mussels on the Go: Can We Slow the Growth?	Population Distribution	Science, Math, Biology, Life Cycles, Food Chains	7	10	OH	Lymanstall, Dave and Sue Huguelet
Purple Loosestrife on the Loose	Mural Making Activity	Science, Art	5	8	OH	Lieb, Marilyn and Dave McCullough
Rival for Survival	Decision-making Game	Science, Citizenship	6	8	OH	LoCascio, Pauline et al
Rust Never Sleeps	Population Demonstration	Science, Social Science, Math	4	6	IL	Prange, Tim et al
Seeing Purple: A Population Explosion	Population Game	Science, Math	3	8	OH	Durbin, Jan et al
Similarities in Scientific Species	Experiment--Duck Weed Growing	Science, Math, Social Studies, Art, Language Arts	4	6	NY	Pokrzyk, Vivian T.
Tracking the Purple Invader	Observe and Track Purple Loosestrife	Science, Math, Social Studies, Art	9	12	IL	Ahern, Catherine et al
Wanted: Ecosystem Invaders	Wanted Poster Construction	Science, Art	6	8	IL	Malhoit, Karen
We're the Future of the Great Lakes	Song--Rap	Music, Art, Social Studies, and Drama	3	9	IL	Brodsky, Laura
What Are the Characteristics of the Great Lakes Exotic Species?	Puzzle Construction	Science, Ecology, Geography, History	5	12	NY	Cooper, Thomas E.
What Makes Purple Loosestrife Thrive?	Experiment--Plant Growing	Science, Math, English	6	12	MI	Morse, Sylvia
What's the Problem with Exotic Species?	Crossword Puzzle and Exotic Species Chart	Science, Social Studies	7	10	NY	Rose, Kelly
Who are the Exotic Invaders?	Research, Reading and Mural Making	Science, Art, English	K and 6	-----	NY	Bauerlein, Marilyn and Kathleen Walker
Zebra Mussels on the Move at Your School	Population Demonstration	Science, Ecology	9	12	IN	Suppinger, Vincent and Kevin Leineweber
36 Activities Total						