

# ECONOMIC BENEFITS

*of Animal-Free Dissection*



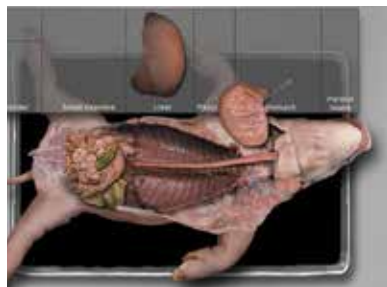


# Animal-Free Dissection

For ethical, educational, and economic reasons, students and educators at all levels are increasingly looking to replace animal dissection in their classrooms with animal-free methods, such as interactive computer software.

This guide was developed to help teachers compare animal-free dissection with animal dissection and can be used to demonstrate the cost savings offered by humane tools for department leaders and administrators. If you teach anatomy, biology, or general science and you're interested in replacing animal dissection with modern, animal-free activities, then this guide is for you!

What follows is a handy cost comparison. Five-year costs are based on an average class of 30 students working in pairs. Figures were calculated in July 2024 based on advertised costs from sellers of the relevant products and Carolina Biological's online catalog.



# Animal-Free Dissection vs. Frog Dissection

	Emantras Frog Dissection App	Frog Dissection
Student dissection set (includes scissors, forceps, scalpel, needles, pins, ruler, and dropper pipette)	N/A	\$18.90 x 15 = <b>\$283.50</b>
Scalpel blades (box of 100 replacement blades)	N/A	<b>\$41.70</b>
Dissecting pan	N/A	\$30.80 x 15 = <b>\$462</b>
Gloves	N/A	\$23.95 x 3 = <b>\$71.85</b>
Disposable apron	N/A	\$39.50 x 2 = <b>\$79</b>
Goggles	N/A	\$46.50 x 3 = <b>\$139.50</b>
Formalin frog, 5", double injection	N/A	\$13.50 x 75 = <b>\$1,012.50</b>
Software for 15 devices	\$3.99 x 15 = <b>\$59.85</b>	N/A
<b>Total cost</b>	<b>\$59.85</b>	<b>\$2,090</b>

# Animal-Free Dissection vs. Cat Dissection

	eMind Cat	VR Cat Dissection: Purr-fect Procedure	Cat Dissection
Student dissection set (includes scissors, forceps, scalpel, needles, pins, ruler, and dropper pipette)	N/A	N/A	\$18.90 x 15 = <b>\$283.50</b>
Scalpel blades (box of 100 replacement blades)	N/A	N/A	<b>\$41.70</b>
Dissecting pan with wax	N/A	N/A	\$30.80 x 15 = <b>\$462</b>
Gloves	N/A	N/A	\$23.95 x 3 = <b>\$71.85</b>
Disposable apron	N/A	N/A	\$39.50 x 2 = <b>\$79</b>
Goggles	N/A	N/A	\$46.50 x 3 = <b>\$139.50</b>
Formalin cat, 18"+, double injection	N/A	N/A	\$96.00 x 75 = <b>\$7,200</b>
Software for 15 devices	\$209 x 5 = <b>\$1,045</b> (annual site license for 5 years)	\$205 x 5 = <b>\$1,025</b> (annual site license for 5 years)	N/A
<b>Total cost</b>	<b>\$1,045</b>	<b>\$1,025</b>	<b>\$8,277.55</b>

# Animal-Free Dissection vs. Fetal Pig Dissection

	eMind Fetal Pig	Carolina VR Pig Dissection	Pig Dissection
Student dissection set (includes scissors, forceps, scalpel, needles, pins, ruler, and dropper pipette)	N/A	N/A	\$18.90 x 15 = <b>\$283.50</b>
Scalpel blades (box of 100 replacement blades)	N/A	N/A	<b>\$41.70</b>
Dissecting pan with wax	N/A	N/A	\$30.80 x 15 = <b>\$462</b>
Gloves	N/A	N/A	\$23.95 x 3 = <b>\$71.85</b>
Disposable apron	N/A	N/A	\$39.50 x 2 = <b>\$79</b>
Goggles	N/A	N/A	\$46.50 x 3 = <b>\$139.50</b>
Formalin pig, 14"+, plain, 1 per bag	N/A	N/A	\$25.30 x 75 = <b>\$1,897.50</b>
Software for 15 devices	\$209 x 5 = <b>\$1,045</b> (annual site license for 5 years)	\$205 x 5 = <b>\$1,025</b> (annual site license for 5 years)	N/A
<b>Total cost</b>	<b>\$1,045</b>	<b>\$1,025</b>	<b>\$2,975.05</b>

# Animal-Free Dissection vs. Crayfish Dissection

	eMind Crayfish (included in eMind Invertebrate)	Getting Nerdy Crayfish Dissection 3-D Paper Model	Crayfish Dissection
Student dissection set (includes scissors, forceps, scalpel, needles, pins, ruler, and dropper pipette)	N/A	N/A	\$18.90 x 15 = <b>\$283.50</b>
Scalpel blades (box of 100 replacement blades)	N/A	N/A	<b>\$41.70</b>
Dissecting pan with wax	N/A	N/A	\$30.80 x 15 = <b>\$462</b>
Gloves	N/A	N/A	\$23.95 x 3 = <b>\$71.85</b>
Disposable apron	N/A	N/A	\$39.50 x 2 = <b>\$79</b>
Goggles	N/A	N/A	\$46.50 x 3 = <b>\$139.50</b>
Crayfish, 4", single injection, pail of 10	N/A	N/A	\$18.65 x 8 = <b>\$149.20</b>
Dissection bundle	N/A	\$19.95 x 5 = <b>\$99.75</b> (annual license for 5 years)	N/A
Software for 15 devices	\$209 x 5 = <b>\$1,045</b> (annual site license for 5 years)	N/A	N/A
<b>Total cost</b>	<b>\$1,045</b>	<b>\$99.75</b>	<b>\$1,226.75</b>

# Animal-Free Dissection vs. Fish Dissection

	eMind Fish	Getting Nerdy Perch Dissection 3-D Paper Model	Fish Dissection
Student dissection set (includes scissors, forceps, scalpel, needles, pins, ruler, and dropper pipette)	N/A	N/A	\$18.90 x 15 = <b>\$283.50</b>
Scalpel blades (box of 100 replacement blades)	N/A	N/A	<b>\$41.70</b>
Dissecting pan with wax	N/A	N/A	\$30.80 x 15 = <b>\$462</b>
Gloves	N/A	N/A	\$23.95 x 3 = <b>\$71.85</b>
Disposable apron	N/A	N/A	\$39.50 x 2 = <b>\$79</b>
Goggles	N/A	N/A	\$46.50 x 3 = <b>\$139.50</b>
Formalin perch, 9"+, single injection, pail	N/A	N/A	\$8.35 x 75 = <b>\$626.25</b>
Dissection bundle	N/A	\$21.95 x 5 = <b>\$109.75</b> (annual license for 5 years)	N/A
Software for 15 devices	\$209 x 5 = <b>\$1,045</b> (annual site license for 5 years)	N/A	N/A
<b>Total cost</b>	<b>\$1,045</b>	<b>\$109.75</b>	<b>\$1,703.80</b>

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TeachKind Science has free materials and a knowledgeable staff of former educators to help you make the compassionate decision to switch to animal-free teaching methods in your classroom.

**TeachKind.org**  
Science@teachkind.org



📷 @teachkindteachers • 🎵 @teachkindteachers  
✉ Science@teachkind.org • 🌐 TeachKind.org