

Plan

LINK TO OFFICIAL FBLA PROJECT INFO:

https://greektrack-fbla-public.s3.amazonaws.com/files/1/High%20School%20Competitive%20Events%20Resources/Individual%20Guidelines/Presentation%20Events/Introduction-to-Programming.pdf?X-Amz-Content-Sha256=UNSIGNED-PAYLOAD&X-Amz-Algorithm=AWS4-HMAC-SHA256&X-Amz-Credential=AKIAWVAJYMX2IFDGHQE3%2F20251128%2Fus-east-1%2Fs3%2Faws4_request&X-Amz-Date=20251128T185131Z&X-Amz-SignedHeaders=host&X-Amz-Expires=300&X-Amz-Signature=90e97a293bc8b94d8dd85e0b0dc7d25f7335cba3ca5f0335afb6838055a94d46

| General Event Info | Details |
|---|---|
| Event Name | Introduction to Programming (2025–2026 topic: Build a Virtual Pet) |
| Who Can Compete | High-school 9th & 10th graders only (you're a sophomore → perfect) |
| Team Size | 1, 2, or 3 members (you're competing solo) |
| Your School & State | Downington STEM Academy, Pennsylvania FBLA |
| Goal | Create a virtual pet that users can name, feed, play with, etc. + add a “cost of care” money system to teach financial responsibility |
| Required Features | <ul style="list-style-type: none">• Pet customization (name, type, appearance)• Care actions (feed, play, clean, rest, health check)• Pet reacts (happy/sad/sick)• Tracks expenses & has a budget• Input validation |
| Extra Credit Features (almost every top-3 has these) | <ul style="list-style-type: none">• Pet saves when you close the program (data persistence)• Earn money through chores/mini-games• Pet evolves or learns tricks over time |

Pennsylvania
Timeline
(2025–2026)

| | Date | What Happens |
|------------------------------------|---|---|
| Submission Deadline | December 19, 2025 (11:59 p.m.) – your adviser wants everything by Dec 16 to be safe | Upload code + documentation via BluePanda (PA FBLA website) |
| State Qualifying Round (“Prelims”) | January 28, 2026 | 13-minute Zoom presentation (3 min setup + 7 min talk/demo + 3 min Q&A) |
| State Finals (top 4 only) | April 13–15, 2026 | In-person at Hershey Lodge – same format but with projector |
| National Leadership Conference | June 29 – July 2, 2026 | San Antonio, Texas – top 4 from PA go automatically |

What You Must Submit by Dec 19 (via BluePanda – your adviser uploads)

| | File Name Example | Contents |
|---------------------------|---|--|
| Code Zip | YourName_IntroToProgramming_Code.zip | All program files + images/sounds so judges can run it on their computer before January 28 |
| Documentation Zip | YourName_IntroToProgramming_Docs.zip | • README.txt (how to run it, what keys to press) • Credits.txt (where you got images/sounds) • Screenshots (optional but nice) |
| Optional One-Page Summary | YourName_IntroToProgramming_Summary.pdf | Title, bullet list of features, QR code to GitHub (if you make one) |

| Your 7-Minute Presentation Plan (January 28 Zoom & later at Hershey/NLC) | Time | What You Do / Say |
|---|---------------|--|
| Greeting & Hook | 0:00–0 :30 | “Hi judges! I’m [Your Name] from Downingtown STEM Academy presenting PawBudget – a virtual pet that teaches money smarts.” (Yes, say your school!) |
| Create & Customize Pet (ask judges a quick question) | 0:30–2 :00 | Let judges pick the pet type → show name, appearance choices |
| Daily Care & Reactions | 2:00–4 :00 | Feed, play, clean → show pet getting happy/sad/sick |
| Money System (the big differentiator) | 4:00–5 :30 | Every action costs money → vet bills → run out of cash → pet gets taken away |
| Earn Money + Extras | 5:30–6 :00 | Do chores/mini-games to earn coins → buy toys → pet evolves |
| Show the Code (open your editor) | 6:00–6 :45 | “Here’s my Pet class, input validation, and JSON save file” – zoom in on comments & functions |
| Closing | 6:45–7 :00 | “PawBudget combines fun with real financial lessons. Questions?” |

| How to Get Top 3 (or 1st) – Checklist | Must Have for 120+ points (out of 130) |
|--|---|
| Pet saves & loads (data persistence) | JSON or text file |
| Classes/objects (Pet class, Wallet class) | Shows clean, modular code |
| Input validation on every entry | Try/except loops, keeps program from crashing |
| Money earning system (chores/mini-game) | Almost every 1st-place project has this |
| Detailed comments & good function names | Judges love readable code |
| Full documentation (README + credits) | Worth 20 points alone |
| Confident delivery + eye contact | Practice 20+ times on Zoom |

Visuals

| Visual Item | What It Is | How to Use It in Your 7 Minutes | Device Used |
|---------------------------------|---|--|--------------------|
| Main Laptop | Running your actual program (the live pet) | Full-screen demo of creating pet, caring, spending money, earning coins, pet evolving | Device 1 |
| Tablet or Second Laptop | 8–10 clean, beautiful slides (big text, screenshots, icons) | Hold it up or share screen in Zoom → flip through during talking points (see slide list below) | Device 2 |
| Phone (optional) | Backup timer + one-page handout PDF ready to screen-share if needed | Only if you need a third device (most solos just use 2) | Device 3 (rare) |
| Printed One-Page Handout | 8.5×11 color sheet (allowed as “physical material”) | Show it at the start: “Here’s a quick overview for you” → place on desk (judges love this) | Physical prop |

| Slide # | Title / Content | What You Say While Showing It |
|----------------|---|---|
| 1 | PixelPaw (huge logo) + Your Name + Downingtown STEM Academy | Greeting + hook |
| 2 | The 2025–2026 Topic (quote the 4 required bullets + cost-of-care) | “Here’s exactly what FBLA asked for...” |
| 3 | Feature Overview (6 big icons: Customize → Feed → Play → Shop → Chores → Evolve) | Quick overview before live demo |
| 4 | Live Pet Demo (big screenshot of your pet smiling) | Transition to laptop: “Now let me show you live...” |
| 5 | Money System (screenshot of expense log + current balance) | “Every action costs money — watch what happens when I skip feeding” |
| 6 | Code Highlights (4 zoomed-in screenshots: Pet class, input validation, JSON save, comments) | Open code on laptop + point to these on tablet |
| 7 | Documentation (photo of your folder with README, credits, etc.) | “Everything judges need is in here” |

8 Thank You + QR code to GitHub (optional) + Closing
“Questions?”

SCRIPT

BACKUP PLAN

