

Barrow Student Technology Competition

2021-2022



3rd & 4th Grade Division

3D Modeling

Animation

Digital Game Design

Robotics

Video Production



3D Modeling

(3rd & 4th Grade)

- ▶ This category is defined as any original work digitally created and modeled in three dimensions using specialized software.
- ▶ Models are not required to be printed on a 3D printer, but must be presented in the software used to create the model.



3D Modeling (3rd & 4th Grade)

Top Honors

2nd Place: Emma West & Emma Sugg (Bramlett ES)

1st Place: Tanner Harrison & Sebastian Jefferson (Bramlett ES)



Animation

(3rd & 4th Grade)

- ▶ This category is defined as any original project that generally consists of a sequence of images of the motion of objects to create a video.
- ▶ Animation can involve programming sprites to talk, move, and interact. Examples include short movies, music videos, comical shorts, stop-motion films, and a variety of other animation techniques.



Animation (3rd & 4th Grade)

Top Honors

2nd Place: Ava Simpson & Hailey Zuniga (Bramlett ES)

1st Place: Audrina Robertson & Daniel Moyer (Yargo ES)



Digital Game Design (3rd & 4th Grade)

- ▶ Digital Game Design projects should include original content, design, and rules of an interactive game.
- ▶ Students may use their choice of software in order to demonstrate creativity, originality, organization, and interactivity. Also, they should be able to explain what inspired their game idea and how they programmed their game to achieve their project goals.



Digital Game Design (3rd & 4th Grade)

Top Honors

3rd Place: Christopher Azanetchie (Yargo ES)

2nd Place: Owen Vegter (Bramlett ES)

1st Place: Ariel Battle & Cecilia Viera (Bramlett ES)



Robotics

(3rd & 4th Grade)

- ▶ Projects in this category are autonomous machines engineered and programmed by the student from their own concepts and designs, or published drawings/kits.
- ▶ Devices controlled through direct, real time remote control by the student are not appropriate (i.e. remote controlled cars). Once started, the robotics project should operate as a standalone independent machine without human interaction.



Robotics (3rd & 4th Grade)

Top Honors

3rd Place: Kelly Serrato (Yargo ES)

2nd Place: Amanatou Berry (Yargo ES)

1st Place: Midiaou Berry and Nathan Taylor (Yargo ES)



Video Production (3rd & 4th Grade)

- ▶ This category includes any original video project that has been edited on a device with digital video editing software and exported into a digital video format.
- ▶ The project must be displayed for viewing on a computer, with the student able to explain the software and production process.



Video Production (3rd & 4th Grade)

Top Honors

1st Place: Cristal Hernandez Sanchez (County Line ES)



3rd & 4th Grade Division Champions

3D Modeling - Tanner Harrison & Sebastian Jefferson (BrES)

Animation - Audrina Robertson & Daniel Moyer (YES)

Digital Game Design - Ariel Battle & Cecilia Viera (BrES)

Robotics - Midiaou Berry (YES)

Video Production - Cristal Hernandez Sanchez (CLES)



5th & 6th Grade Division

3D Modeling

Animation

Audio Production

Device Modification

Digital Game Design

Digital Photo Production

Graphic Design

Internet Applications

Multimedia Applications

Robotics

Video Production



3D Modeling (5th & 6th Grade)

- ▶ This category is defined as any original work digitally created and modeled in three dimensions using specialized software.
- ▶ Models are not required to be printed on a 3D printer, but must be presented in the software used to create the model.



3D Modeling (5th & 6th Grade)

Top Honors

3rd Place: Daniel Corrales (AIM Program @ CFIT)

2nd Place: Josiah Shields & Jameer Adams (AIM Program @ CFIT)

1st Place: Jack Russell (AIM Program @ CFIT)



Animation (5th & 6th Grade)

- ▶ This category is defined as any original project that generally consists of a sequence of images of the motion of objects to create a video.
- ▶ Animation can involve programming sprites to talk, move, and interact. This can include, but is not limited to, short movies, music videos, comical shorts, stop-motion films, and a variety of other animation techniques.



Animation (5th & 6th Grade)

Top Honors

3rd Place: Benjamin Stockwell (AIM Program @ CFIT)

2nd Place: Valarie Ouma (Yargo ES)

1st Place: Rylie Callaway & Lilly Castello(Yargo ES)



Audio Production (5th & 6th Grade)

- ▶ This category is defined as any original audio production that has been edited or produced with digital tools. Projects may include speaking, singing, music, sounds effects, and other audio components.
- ▶ The project must be displayed on a device using the program in which it was created, with the student able to explain how the software was used to create the finished project.



Audio Production (5th & 6th Grade)

Top Honors

2nd Place: Emma Dasher (AIM Program @ CFIT)

1st Place: Evanne Leupi (AIM Program @ CFIT)



Device Modification (5th & 6th Grade)

- ▶ This category is for devices engineered and/or modified by students to serve a specific purpose or meet a specific goal. Device and parts do not have to be new. However, the device must be fully functional.
- ▶ Projects in this category often utilize hardware components including Arduino, Raspberry Pi, or Makey Makey.



Device Modification (5th & 6th Grade)

Top Honors

1st Place: Hannah Dotson (AIM Program @ CFIT)



Digital Game Design (5th & 6th Grade)

- ▶ Digital Game Design projects should include original content, design, and rules of an interactive game.
- ▶ Students may use their choice of software in order to demonstrate creativity, originality, organization, and interactivity. Also, they should be able to explain what inspired their game idea and how they programmed their game to achieve their project goals.



Digital Game Design (5th & 6th Grade)

Top Honors

3rd Place: Matt Danson (AIM Program @ CFIT)

2nd Place: Michael Poling (AIM Program @ CFIT)

1st Place: William Stockwell (AIM Program @ CFIT)



Digital Photo Production (5th & 6th Grade)

- ▶ This category includes projects using a single original student photograph where digital editing tools were used to enhance/modify the image.
- ▶ The project must be displayed on a device using the program in which it was created, with the student able to demonstrate how the software was used to create the finished project.



Digital Photo Production (5th & 6th Grade)

Top Honors

3rd Place: Emily Woodard (AIM Program @ CFIT)

2nd Place: Madison Knox (AIM Program @ CFIT)

1st Place: Ava Her (AIM Program @ CFIT)



Graphic Design (5th & 6th Grade)

- ▶ Projects in this category use a combination of static images and/or words into a single design to convey information or an idea with an intended effect.
- ▶ The project, including all images and content, must be displayed on a device using the program with which it was created, with the student able to explain how the software was used to create the finished product.



Graphic Design (5th & 6th Grade)

Top Honors

3rd Place: Abbigail Bond (AIM Program @ CFIT)

2nd Place: Benjamin Azanetchie (Yargo ES)

1st Place: Samantha Couch (AIM Program @ CFIT)



Internet Applications (5th & 6th Grade)

- ▶ Projects in this category are network-based applications including websites, chat rooms, forums, blogs, etc.
- ▶ The project must be displayed on a device so that the student can explain the elements of the design and production process.



Internet Applications (5th & 6th Grade)

Top Honors

3rd Place: Philomena Wiggins (AIM Program @ CFIT)

2nd Place: Malakai Stevens (AIM Program @ CFIT)

1st Place: Khloe Waters (AIM Program @ CFIT)



Multimedia Applications (5th & 6th Grade)

- ▶ Projects in this category include multi-page creative presentations using any combination of media including audio, video, images, or text.
- ▶ Typical software used to produce projects in this category include PowerPoint, Google Slides, Adobe Spark, Apple Keynote, and others.



Multimedia Applications (5th & 6th Grade)

Top Honors

3rd Place: Emmalynn Locke (AIM Program @ CFIT)

2nd Place: Ciera Kennedy (AIM Program @ CFIT)

1st Place: Addison Erwin (AIM Program @ CFIT)



Robotics

(5th & 6th Grade)

- ▶ Projects in this category are autonomous machines engineered and programmed by the student from their own concepts and designs, or published drawings/kits.
- ▶ Devices controlled through direct, real time remote control by the student are not appropriate (i.e. remote controlled cars). Once started, the robotics project should operate as a standalone independent machine without human interaction.



Robotics (5th & 6th Grade)

Top Honors

1st Place: Annslee Earwood & Mackenzie Pruitt (Yargo ES)



Video Production (5th & 6th Grade)

- ▶ This category includes any original video project that has been edited on a device with digital video editing software and exported into a digital video format.
- ▶ The project must be displayed for viewing on a computer, with the student able to explain the software and production process.



Video Production (5th & 6th Grade)

Top Honors

1st Place: F.A. Mpitu (AIM Program @ CFIT)



5th & 6th Grade Division Champions

3D Modeling - Jack Russell (AIM@CFIT)

Animation - Rylie Callaway & Lilly Castello(YES)

Audio Production - Evanne Leupi (AIM@CFIT)

Device Modification - Hannah Dotson (AIM@CFIT)

Digital Game Design - William Stockwell (AIM@CFIT)

Digital Photo Production - Ava Her (AIM@CFIT)

Graphic Design - Samantha Couch (AIM@CFIT)

Internet Applications - Khloe Waters (AIM@CFIT)

Multimedia Applications - Addison Erwin (AIM@CFIT)

Robotics - Annslee Earwood & Mackenzie Pruitt (YES)

Video Production - F.A. Mpitu (AIM@CFIT)



7th & 8th Grade Division

Animation

Audio Production

Digital Game Design

Internet Applications



Animation

(7th & 8th Grade)

- ▶ This category is defined as any original project that generally consists of a sequence of images of the motion of objects to create a video.
- ▶ Animation can involve programming sprites to talk, move, and interact. This can include, but is not limited to, short movies, music videos, comical shorts, stop-motion films, and a variety of other animation techniques.



Animation (7th & 8th Grade)

Top Honors

2nd Place: Courtney Kimelman & Addison Wilson (AIM Program @ CFIT)

1st Place: Ariel Brooks (Barrow Arts & Sciences Academy)



Audio Production (7th & 8th Grade)

- ▶ This category is defined as any original audio production that has been edited or produced with digital tools. Projects may include speaking, singing, music, sounds effects, and other audio components.
- ▶ The project must be displayed on a device using the program in which it was created, with the student able to explain how the software was used to create the finished project.



Audio Production (7th & 8th Grade)

Top Honors

2nd Place: Corey Aguilar (Barrow Arts & Sciences Academy)

1st Place: Graham Mull & Collin Shaw (AIM Program @ CFIT)



Digital Game Design (7th & 8th Grade)

- ▶ Digital Game Design projects should include original content, design, and rules of an interactive game.
- ▶ Students may use their choice of software in order to demonstrate creativity, originality, organization, and interactivity. Also, they should be able to explain what inspired their game idea and how they programmed their game to achieve their project goals.



Digital Game Design (7th & 8th Grade)

Top Honors

2nd Place: Kelsey Mizell (AIM Program @ CFIT)

1st Place: Joseph Hemsley & Turner Richardson (Barrow Arts & Sciences Academy)



Internet Applications (7th & 8th Grade)

- ▶ Projects in this category are network-based applications including websites, chat rooms, forums, blogs, etc.
- ▶ The project must be displayed on a device so that the student can explain the elements of the design and production process.



Internet Applications (7th & 8th Grade)

Top Honors

1st Place: Adama Dukuly (Haymon-Morris MS)



7th & 8th Grade Division Champions

Animation - Ariel Brooks (BASA)

Audio Production - Graham Mull & Collin Shaw (AIM@CFIT)

Digital Game Design - Joseph Hemsley & Turner Richardson (BASA)

Internet Applications - Adama Dukuly (HMMS)



9th & 10th Grade Division

Animation

Audio Production

Digital Game Design

Graphic Design

Mobile Apps

Project Programming

Video Production



Animation (9th & 10th Grade)

- ▶ This category is defined as any original project that generally consists of a sequence of images of the motion of objects to create a video.
- ▶ Animation can involve programming sprites to talk, move, and interact. This can include, but is not limited to, short movies, music videos, comical shorts, stop-motion films, and a variety of other animation techniques.



Animation (9th & 10th Grade)

Top Honors

1st Place: Hayden Swift (Barrow Arts & Sciences Academy)



Audio Production (9th & 10th Grade)

- ▶ This category is defined as any original audio production that has been edited or produced with digital tools. Projects may include speaking, singing, music, sounds effects, and other audio components.
- ▶ The project must be displayed on a device using the program in which it was created, with the student able to explain how the software was used to create the finished project.



Audio Production (9th & 10th Grade)

Top Honors

2nd Place: Jenifer Vaca-Behena & Raul Corral Torres (Barrow Arts & Sciences Academy)

1st Place: Edie Stripling & Scarlett McPherson (Barrow Arts & Sciences Academy)



Digital Game Design (9th & 10th Grade)

- ▶ Digital Game Design projects should include original content, design, and rules of an interactive game.
- ▶ Students may use their choice of software in order to demonstrate creativity, originality, organization, and interactivity. Also, they should be able to explain what inspired their game idea and how they programmed their game to achieve their project goals.



Digital Game Design (9th & 10th Grade)

Top Honors

3rd Place: Tristan Willis & Taylor Kindon (Barrow Arts & Sciences Academy)

2nd Place: Jazmin Lopez (Barrow Arts & Sciences Academy)

1st Place: Anthony Vasquez (Apalachee HS)



Graphic Design (9th & 10th Grade)

- ▶ Projects in this category use a combination of static images and/or words into a single design to convey information or an idea with an intended effect.
- ▶ The project, including all images and content, must be displayed on a device using the program with which it was created, with the student able to explain how the software was used to create the finished product.



Graphic Design (9th & 10th Grade)

Top Honors

1st Place: Rakelle Davis (Apalachee HS)



Mobile Apps (9th & 10th Grade)

- ▶ Projects in this category include apps that are specifically developed for a mobile device. The app can be developed for any mobile operating system.
- ▶ Students should be able to explain what inspired their idea, how they programmed their app to achieve its intended purpose, and be able to run the app on a device or a mobile simulator.



Mobile Apps (9th & 10th Grade)

Top Honors

3rd Place: Aidan Donehoo (Barrow Arts & Sciences Academy)

2nd Place: Jeska Villarroel & Sincere Weiner (Barrow Arts & Sciences Academy)

1st Place: Mason DiRenzo (Barrow Arts & Sciences Academy)



Project Programming (9th & 10th Grade)

- ▶ Projects in this category are executable programs created by the student using a programming language. All parts of the program must be the author's own design. Programs must be functional and have a specified intended purpose.
- ▶ Examples of programming languages typically used in this category include: Java, Python, Scratch, C++, and others.



Project Programming (9th & 10th Grade)

Top Honors

1st Place: Sean Williams (Barrow Arts & Sciences Academy)



Video Production (9th & 10th Grade)

- ▶ This category includes any original video project that has been edited on a device with digital video editing software and exported into a digital video format.
- ▶ The project must be displayed for viewing on a computer, with the student able to explain the software and production process.



Video Production (9th & 10th Grade)

Top Honors

3rd Place: Lucas Ventura & Brayden Kistler (Barrow Arts & Sciences Academy)

2nd Place: Kaleigh Spencer (Barrow Arts & Sciences Academy)

1st Place: Micah Ervin (Barrow Arts & Sciences Academy)



9th & 10th Grade Division Champions

Animation - Hayden Swift (BASA)

Audio Production - Edie Stripling & Scarlett McPherson (BASA)

Digital Game Design - Anthony Vasquez (AHS)

Graphic Design - Rakelle Davis (AHS)

Mobile Apps - Mason DiRenzo (BASA)

Project Programming - Sean Williams (BASA)

Video Production - Micah Ervin (BASA)



11th & 12th Grade Division

3D Modeling

Animation

Audio Production

Digital Game Design

Graphic Design

Video Production



3D Modeling (11th & 12th Grade)

- ▶ This category is defined as any original work digitally created and modeled in three dimensions using specialized software.
- ▶ Models are not required to be printed on a 3D printer, but must be presented in the software used to create the model.



3D Modeling (11th & 12th Grade)

Top Honors

3rd Place: Matthew Hydrick (Apalachee HS)

2nd Place: Autumn Snipes (Apalachee HS)

1st Place: Amber Singleton (Apalachee HS)



Animation (11th & 12th Grade)

- ▶ This category is defined as any original project that generally consists of a sequence of images of the motion of objects to create a video.
- ▶ Animation can involve programming sprites to talk, move, and interact. This can include, but is not limited to, short movies, music videos, comical shorts, stop-motion films, and a variety of other animation techniques.



Animation (11th & 12th Grade)

Top Honors

1st Place: Kyle Conn (Apalachee HS)



Audio Production (11th & 12th Grade)

- ▶ This category is defined as any original audio production that has been edited or produced with digital tools. Projects may include speaking, singing, music, sounds effects, and other audio components.
- ▶ The project must be displayed on a device using the program in which it was created, with the student able to explain how the software was used to create the finished project.



Audio Production (11th & 12th Grade)

Top Honors

3rd Place: Emma Turley (Barrow Arts & Sciences Academy)

2nd Place: Gabriel Shepherd & Carsyn Rainey (Barrow Arts & Sciences Academy)

1st Place: Michael Juarez-Avila (Barrow Arts & Sciences Academy)



Digital Game Design (11th & 12th Grade)

- ▶ Digital Game Design projects should include original content, design, and rules of an interactive game.
- ▶ Students may use their choice of software in order to demonstrate creativity, originality, organization, and interactivity. Also, they should be able to explain what inspired their game idea and how they programmed their game to achieve their project goals.



Digital Game Design (11th & 12th Grade)

Top Honors

3rd Place: Isaiah Goley (Apalachee HS)

2nd Place: Jared Bathurst (Apalachee HS)

1st Place: Camilo Diaz & Hilton Del Valle (Winder-Barrow HS)



Graphic Design (11th & 12th Grade)

- ▶ Projects in this category use a combination of static images and/or words into a single design to convey information or an idea with an intended effect.
- ▶ The project, including all images and content, must be displayed on a device using the program with which it was created, with the student able to explain how the software was used to create the finished product.



Graphic Design (11th & 12th Grade)

Top Honors

1st Place: Delaney Harvey (Barrow Arts & Sciences Academy)



Video Production (11th & 12th Grade)

- ▶ This category includes any original video project that has been edited on a device with digital video editing software and exported into a digital video format.
- ▶ The project must be displayed for viewing on a computer, with the student able to explain the software and production process.



Video Production (11th & 12th Grade)

Top Honors

1st Place: Hunter Beall (Apalachee HS)



11th & 12th Grade Division Champions

3D Modeling - Amber Singleton (AHS)

Animation - Kyle Conn (AHS)

Audio Production - Michael Juarez-Avila (BASA)

Digital Game Design - Camilo Diaz & Hilton Del Valle (WBHS)

Graphic Design - Delaney Harvey (BASA)

Video Production - Hunter Beall (AHS)



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