

# Computer Animation

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## Description

Create a 3-D visualization animation (not to exceed two (2) minutes) based upon the assigned topic below.

## Eligibility

Any student may enter this event.

<p><b>Contestant must supply</b> Microcomputer or laptop/notebook Video projector (optional) A full-size keyboard may be used. Electrical power will be provided. Carry-in and setup of equipment must be done solely by the contestant and must take place within the time allotted for orientation/warm-up. Contestant must bring all supporting devices (e.g., extension cords, power supply, etc).</p>	<p><b>Business Professionals of America assumes no responsibility for hardware/software provided by the contestant. No equipment, supplies, or materials other than those specified for an event will be allowed in the testing area.</b> <b>No previous Business Professionals of America tests and/or sample tests or facsimiles thereof (handwritten, photocopied, or keyed) may be taken into the testing area. <u>Violation of this rule will result in disqualification.</u></b></p>
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## Competencies

- Demonstrate utilization of various editing software, applications.
- Demonstrate development of animation within a story board.
- Demonstrate shapes to 3-D object color, creating artistic effects.
- Demonstrate textures and special effects.
- Demonstrate knowledge of transitions, audio, and lighting effects.
- Demonstrate proper use in placement of titles and visual effects.
- Demonstrate work skills needed to function in a 3D animation environment.

## Specifications:

- The student will develop a visual communication tool utilizing various software applications related to digital production.
- **The animation must be in an executable file format on a DVD.**
- Two (2) copies of the Computer Animation Documentation Form, two (2) copies of the storyboard, and two (2) copies of an executable file of the project on DVD in one 10" x 13" envelope must be submitted to the State Advisor (or designee) as indicated. **No faxed or e-mail copies will be accepted.**
- The dimensions of the story board should not exceed 8 1/2 x 11
- The student may utilize audio, text, video, graphics, and animation.
- Use of transitions and continuity must exist in the production.
- The contestant is responsible for securing a release form from any person whose image is used in the production.
- All text/graphics materials must follow the organization's Graphic Standards and make proper use of the logo and/or organization's name. (Refer to the Graphic Standards in the *Style & Reference Manual*.) National Business Professionals of America grants permission for the use of the logo and/or organization's name.
- At the time of the interview, contestant must submit two (2) additional copies of the Computer Animation Documentation Form, two (2) copies of storyboard, and two copies of all Release Forms.

- It is the policy of Business Professionals of America to comply with the Copyright Law of the United States of America, Title 17, Circular 92. Refer to the Copyright and Fair Use Guidelines in the *Style & Reference Manual*. **Contestant(s) will be DISQUALIFIED for violations of the Copyright and Fair Use Guidelines.**

## **TOPIC**

The Oasis Hotel in Reno, Nevada is expanding their facilities to include a indoor water park. In the design plan the engineers wish to incorporate a variety of themed water attractions. Your job is to submit a 3-D animated model of your design.

**Contestants who do not submit an entry that follows this topic will be disqualified.**

### **Method of evaluation:**

- Application (judges' rating sheet)

### **Length of event:**

- No more than ten (10) minutes for setup/wrap-up
- No more than ten (10) minutes for the presentation
- No more than five (5) minutes for judges' questions
- Finals may be included at State level.

**It is the local chapter advisor's responsibility to pick up all previously submitted contestant materials. A time and place for material pick up will be published in the program. Any materials not picked up will be destroyed on site.**

# Computer Animation Documentation Form

**Key the information below and check the address for accuracy. NO HANDWRITTEN FORMS WILL BE ACCEPTED.**

Please note:

The Contestant Number is the same as the Member Number in the BPA On-line Registration System.

Contestant Name: \_\_\_\_\_

Contestant Number: \_\_\_\_\_

I, the undersigned, attest that the design, creation, and implementation of this Computer Animation is my original work. Furthermore, I attest that the production is in accordance with Copyright and Fair Use Guidelines.

I consent to its reproduction, use, and/or modification in any way for use by Business Professionals of America National Center.

**Computer Software used for production:**

\_\_\_\_\_

**Contestant Signature:**

\_\_\_\_\_

**Advisor Signature:**

\_\_\_\_\_

I, the undersigned, attest that no changes will be made to the Computer Animation after the postmarked date.

**Contestant Signature:**

\_\_\_\_\_

**Advisor Signature:**

\_\_\_\_\_

E-mail: \_\_\_\_\_

Phone: \_\_\_\_\_

# Business Professionals of America Computer Animation Release Form

I hereby consent irrevocably to the use and reproduction of any and all photographs taken of me in any form whatsoever for the Business Professionals of America Computer Animation competition.

I have read this document and am fully aware of the content and implications, legal and otherwise.

**Please print the following:**

\_\_\_\_\_  
Name

\_\_\_\_\_  
Address

\_\_\_\_\_  
City, State, ZIP

**Signature(s):**

\_\_\_\_\_  
Signature

Date \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_  
(Month) (Day) (Year)

\_\_\_\_\_  
Signature of Parent or Guardian  
(If person is under 18 years of age)

Date \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_  
(Month) (Day) (Year)

# Computer Animation Judges' Technical Scoring Rubric/Rating Sheet

Judge Number \_\_\_\_\_

Contestant Number \_\_\_\_\_

Items to Evaluate	Below Average	Average	Good	Excellent	Points Earned
<b>Pre-Production Layout (50 points)</b>					
• Submitted Outline, Story line and Story board	1-6	7-12	13-18	19-25	
• Assemble shots in order	1-6	7-12	13-18	19-25	
<b>Production (200 points)</b>					
• Introduction and Title	1-3	4-7	8-11	12-15	
• At least two transitions	1-6	7-12	13-18	19-30	
• Originality of content	1-3	4-7	8-11	12-15	
• Include s more than one angle shot	1-6	7-12	13-18	19-30	
• Includes at least one interview	1-5	6-10	11-15	16-20	
• Includes one music montage	1-6	7-12	13-18	19-30	
• Includes one voice over	1-3	4-7	8-11	12-15	
• Effective use of special effects	1-6	7-12	13-18	19-30	
• Includes End Credits	1-3	4-7	8-11	12-15	
<b>Post Production (60 points)</b>					
• Exported video to DVD	1-5	6-10	11-15	16-20	
• Opening and summary	1-5	6-10	11-15	16-20	
• Objectives to be achieved are stated	1-5	6-10	11-15	16-20	
<b>Grammar, Spelling, Punctuation, and Usage</b>	0 (3+ errors)	10 (2 errors)	20 (1 error)	30 (0 errors)	
<b>TOTAL TECHNICAL POINTS</b>					

**SUMMARY TOTALS:**

**FINAL TOTAL TECHNICAL POINTS**

(Subtotal divided by # of judges)

Judge #1 (340 points maximum) \_\_\_\_\_

\_\_\_\_\_

Judge #2 (340 points maximum) \_\_\_\_\_

Subtotal \_\_\_\_\_

# Computer Animation Judges' Interview Scoring Rubric/Rating Sheet

Judge Number \_\_\_\_\_

Contestant Number \_\_\_\_\_

Items to Evaluate	Below Average	Average	Good	Excellent	Points Earned
• Ability to explain the development and design process	1-12	13-24	25-37	50	
• Ability to explain the use and the development of innovative technology	1-7	8-15	16-19	25	
• Ability to explain the use and development of media elements	1-7	8-16	17-22	25	
<b>TOTAL INTERVIEW POINTS</b>					

<b>SPECIFICATION POINTS:</b> All points or none are awarded by the proctor per individual, not per judge.		
• Story board, Outline, Video Production Documentation Form and DVD, completed and submitted on-time.	25	
• Adheres to Copyright and Fair Use Guidelines.	15	
• Presentation lasted no more than ten minutes.	10	
• Appropriate equipment and documentation for the interview.	10	
<b>TOTAL SPECIFICATION POINTS</b>		

**SUMMARY INTERVIEW TOTALS:**

Judge #1 (100 points maximum) \_\_\_\_\_

Judge #2 (100 points maximum) \_\_\_\_\_

**Subtotal** \_\_\_\_\_

**TOTAL INTERVIEW POINTS**  
(Subtotal divided by # of Judges) \_\_\_\_\_

**TOTAL POINTS:**

**AVG. TECHNICAL**  
(340 points maximum) \_\_\_\_\_

**AVG. INTERVIEW**  
(100 points maximum) \_\_\_\_\_

**SPECIFICATION POINTS**  
(60 points maximum) \_\_\_\_\_

**FINAL TOTAL**  
(500 points maximum) \_\_\_\_\_

**RANK** \_\_\_\_\_

# Computer Animation Judges' Scoring Rubric/Rating Sheet

Judge Number \_\_\_\_\_

Contestant Number \_\_\_\_\_

**COMMENTS: (to be viewed by contestant)**

(Judges: please provide positive feedback and areas of improvement in a constructive manner regarding your analysis of the contestant's competition.)

**REASON FOR DISQUALIFICATION: (if applicable)**