Academy Transfer Process

To request an academy transfer after the 10th grade year, follow the steps outlined below. There will be no academy transfers once a student’s 11th grade year has begun.

1. Request Transfer Application from lead teacher of current academy. If student is not currently in an academy, they request the Transfer Application from the lead teacher for the academy to which they want to join.
2. Obtain copy of unofficial transcript to include with Application.
3. Once Transfer Application is complete, get signature approval from Lead Teacher of current academy.
4. Then take Application to lead teacher of desired academy for signature approval and request the Transfer Assignment. Provide the lead teacher with the copy of the unofficial transcript at that time.
5. Complete Transfer Assignment during the summer. Note that the assignment varies slightly from academy to academy so complete the correct one. Make sure to get any questions answered about the assignment before leaving for the summer.
6. Turn in at walk-through registration in August. If Transfer Assignment is not received during assigned walk-through registration date for eleventh grade, transfer request will be denied.

Academy Transfer Request

# Student: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# ID#:\_\_\_\_\_\_\_\_\_\_ Grade: 9 10 11 12

# Current Academy: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# New Academy: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

In the space below, explain your reasoning for an academy transfer and answer: how does your request for a transfer relate to your college and career aspirations?

List any courses taken or other learning experiences that relate to the new academy:

By signing below, I agree to and understand the following:

* Completion of this application and the Transfer Assignment does not guarantee I will get into the new academy due to cohort size limitations.
* If assignment is not turned in during walk through registration, request will be denied.
* If any part of the Transfer Assignment is not complete, request will be denied.
* If the assignment is lost, a replacement will not be provided.

Please sign below:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

Student Date Parent Date

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

Current Academy Lead Date New Academy Lead Date

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_

Administrator Date

Academy Transfer Assignment

# Vocabulary

For each of the words, provide the following:

* Thorough definition
* Part of speech
* Other forms of the word (if they exist)
* A sentence (or more) using the word the way in was intended, showing meaning and understanding of the word

EXAMPLE:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Word** | **Definition** | **Part of Speech** | **Other forms of word** | **Sentence** |
| integrity | Adherence to moral and ethical principles; soundness of moral character; honesty | noun | n/a | While taking the test, she demonstrated ***integrity*** when those around her were cheating but she did not. |

# Current Event Journal

* Select 5 articles (from reliable news sources published in 2014) that connect to the academy theme. Provide copies of the articles when you turn in the assignment.
* Read the articles and then type 2 paragraphs that include:
  + Paragraph 1: Summary of the article
  + Paragraph 2: Explanation of why that article was selected and what was learned, supported with details from the article

# Career Exploration

* Select a career related to the academy theme that interests you, research it, and write an essay that includes the following:
  + Required education, and a college/university that has appropriate major
  + Estimated salary
  + Job turnover rate and outlook
  + Daily responsibilities and tasks
  + Work environment
  + Career path
* Include a Works Cited page, indicating where you found the information

Law & Justice

1. Defendant
2. Judge
3. Juror
4. Lawyer/Attorney
5. Public defender
6. District attorney
7. U.S. Supreme Court
8. Superior Court
9. Appellate Court
10. Amendments: First, Second, Fourth, Fifth, Sixth, Ninth
11. Bail, and own recognizance
12. Arraignment
13. Probable cause
14. Search warrant
15. State law, Federal law, city ordinance
16. Parole
17. Probation
18. Prison
19. Jail
20. Elements of a crime
21. Criminal law
22. Civil law
23. Felony
24. Misdemeanor
25. Infraction

Visual & Performing Arts (VAPA)

*For each of the words for your chosen focus, you will be asked to demonstrate your understanding to the appropriate Department Lead. In order to prepare for your assessment (which will be given to you at the beginning of the school year), please define or describe each word from the list (from your chosen focus only) in your own words. Do NOT copy a definition from a dictionary.*

|  |  |  |
| --- | --- | --- |
| **PHOTOGRAPHY**  *Ability to label the parts of the camera.*   1. Distance Scale 2. Depth of field scale 3. Aperture ring 4. Film Rewind & Back opener 5. Film Chamber 6. Shutter Curtain 7. Battery Chamber 8. Hot Shoe 9. Self Timer 10. Shutter Speed Dial 11. ASA (ISO) Setting 12. Shutter Release Button 13. Film Counter 14. Film Advance & Shutter Cock 15. Film Rewind Button 16. ‘Viewfinder 17. Light Meter 18. Film Guide Rails 19. Film Advance Sprockets 20. Film Take-up Spool 21. Camera Back & Pressure plate 22. Accessory Mount 23. Camera Body 24. Focusing Ring 25. Lens System | **ART**   1. Color 2. Line 3. Form 4. Value 5. Texture 6. Balance 7. Contrast 8. Dominance 9. Emphasis 10. Movement 11. Rhythm 12. Repetition 13. Unity 14. Variety 15. Symmetry 16. Medium 17. Complimentary 18. Analogous 19. Monochromatic 20. Shade 21. Tint 22. Hue | **THEATRE**   1. Improvisation 2. Offer (Improv) 3. Blocking (Improv) 4. Wimping (Improv) 5. Pantomime 6. Subtext 7. Stage Right 8. Stage Left 9. Downstage 10. Upstage 11. Backstage 12. Wings 13. House 14. Familiarity 15. Memorized 16. Fluent 17. Characterization Staging 18. Stage Business 19. Believability 20. Motivation 21. Projection 22. Energy (in a scene) 23. Scenario 24. Obstacles 25. Objectives 26. Tactics 27. “Other” |
| **INSTRUMENTAL MUSIC**  *You will be asked to distinguish the following terms with their appropriate symbols.*   1. Whole Note 2. Time Signature 3. Repeat Sign 4. Loud 5. Bar Line 6. Flat 7. Eighth Note 8. Half Note 9. Treble Clef 10. Common Time 11. Sharp 12. Mezzo Piano 13. Dotted Half Note 14. Piano 15. Medium Loud 16. Quarter Note 17. Fermata | **VOCAL MUSIC**  *You will be asked to demonstrate to Mr. Flanagan:*   1. beat 2. simple rhythms 3. melody 4. harmony 5. Ability to match pitches 6. know the music symbols 7. repeat signs 8. D.C. al fine 9. Dal Segno al fine 10. crescendo markings 11. mezzo forte 12. forte   **Guitar Students Only**:   1. names of the strings 2. notes on the fretboard | |

Environmental Studies (ESA)

**Vocabulary:**

1. Ecology
2. Environment
3. Thermodynamics
4. barometer
5. climate change
6. niche
7. greenhouse effect
8. ecosystem
9. resource
10. equilibrium
11. acid rain
12. invasive species
13. pH
14. solubility
15. hydrology
16. chemosynthesis
17. photosynthesis
18. geothermal
19. EPA  Environmental Protection Agency
20. relative humidity
21. symbiosis
22. food web
23. pollution
24. chemical equation
25. population

**Wildlife Journal**

In addition to the vocabulary, current events, and career search, complete a wildlife journal that includes:

* Written observations (in pencil) of weather or wildlife from one day (at least a 15 minute observation)
* A hand drawn picture (in pencil) of observations

Health

\*\*Instead of doing the vocabulary assignment, you will need to research and answer the following concept questions. Then, still complete the current event assignment and the career search assignment.\*\*

1. How is DNA used to prove someone is guilty or innocent within the criminal justice system?
2. What is gel electrophoresis? Describe the procedure for performing this scientific technique.
3. What are enzymes? How does their structure relate to their function/use?
4. Clearly describe the differences between a Medical Investigator and a Medical Examiner. What are the education requirements for each job type?
5. Why, when and who completes an autopsy report?
6. List the major themes of HIPAA Report.
7. Describe the mechanisms of homeostasis using examples from a positive and negative feedback loop.
8. Describe the differences between type I and type II diabetes. What test is used to determine someone is diabetic? Include the symptoms of diabetes.
9. List the differences between a Carbohydrate, Protein and Fat.
10. Describe the tests used to determine if a sample has one or more of the three major nutrients?
11. What is a dehydration synthesis reaction and what is a hydrolysis reaction?
12. Explain the differences between hypotonic, hypertonic, and isotonic solutions.
13. What are solutes, solvents and solutions and how do they relate to maintaining homeostasis in the body?
14. Explain the possible causes for someone becoming anemic.
15. List the major blood cells and functions for each type. (5)
16. What is the purpose of a hematocrit test done by a doctor? What careers are associated with working in a blood lab? List the education requirements and pay scale for at least five careers.
17. What is the purpose of a pedigree chart? Define phenotype and genotype and explain the differences between dominant and recessive genotypes and phenotypes.
18. Explain major differences between mitosis, meiosis and where they occur in the body.
19. List key structures of the heart and their functions. Draw a picture of how blood circulates within the heart and lungs.
20. What is blood pressure?
21. What is an ECG? Compare and contrast the differences between a normal and abnormal ECG.
22. What is the function of cholesterol, what happens when you have too much or too little?
23. Describe two intervention techniques for a person with blocked arteries feeding the heart.
24. What is non-specific immune defense and what is a specific immune?

Engineering

1. Annotate
2. Assembly
3. Assembly Drawing
4. Cartesian Coordinate System
5. Component
6. Computer-Aided Design or Computer-Aided Drafting (CAD)
7. Degree of Freedom
8. Design Brief
9. Design Statement
10. Extrusion
11. Geometric Constraint
12. Mathematical Modeling
13. Mock-up
14. Model
15. Packaging
16. Physical Model
17. Face
18. Portfolio
19. Prototype
20. Range
21. Revolution
22. Rotation
23. Round
24. Scale Model
25. Scoring