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ERB Comprehensive Testing Program 4

Teacher: Tenth English Honors
 School: Radnor High School
 Grade: 10
 Student: Frey, Samuel J.

Individual Subscore Report
 Test Date: 10/06
 No. of Students Tested: 98
 Norm: Fall

The table immediately below compares the student's scores on each test with the scores of one or more "norm groups." * "Percentile rank" is the percentage of students in the norm group who scored lower than this student. (It is not the same as the percentage of the questions on the test that this student answered correctly.) "Stamine" refers to a division of the norm group into nine score categories, from 1 (lowest) to 9 (highest).

The graph in the lower half of the page shows the percentage of the possible points on the test that the student earned. On most tests, this is simply the percentage of questions answered correctly. (It is not the same as the student's percentile rank.)

Test	National Norm Group		Suburban Public Schools		Independent Schools	
	%ile rank	Stamine	%ile rank	Stamine	%ile rank	Stamine
Verbal Reasoning	97	9	84	7	73	6
Vocabulary	87	7	66	6	45	5
Reading Comprehension	82	7	61	6	41	5
Writing Mechanics	95	8	79	7	68	6
Writing Concepts & Skills	99	9	98	9	94	8
Quantitative Reasoning	99	9	97	9	95	8
Mathematics 1&2	99	9	95	8	87	7
Algebra I	-	-	-	-	-	-

As the graph below: ● = Student ◻ = Norm Group

Percentage of Maximum Possible Points

Tests	Points Possible	Points Earned	%
Content Categories	65	59	91%
Verbal Reasoning	14	11	79%
Analogical Reasoning	12	10	83%
Categorical Reasoning	18	18	100%
Logical Reasoning	35	23	66%
Vocabulary	18	13	72%
Word Meanings	8	5	63%
Precision	9	7	78%
Application	27	27	100%
Reading Comprehension	15	12	80%
Explicit Information	10	7	70%
Inference	12	8	67%
Analysis	45	38	84%
Writing Mechanics	27	14	52%
Spelling/CAPS/Punctuation	23	20	87%
Usage	20	15	75%
Writing Concepts & Skills	16	14	88%
Organization	8	7	88%
Purpose, Audience, Form	15	14	93%
Supporting Details	8	7	88%
Style and Craft	11	10	91%
Quantitative Reasoning	50	41	82%
Comparison	15	11	73%
Extrapolate/Generalizations	22	19	86%
Analysis	13	11	85%
Mathematics 1&2	84	64	76%
Numbers and Number Relationships	14	9	64%
Geometry and Spatial Sense	25	20	80%
Data Anal., Dist., & Probability	13	10	77%
Algebra	32	24	75%
Conceptual Understanding	38	29	76%
Procedural Knowledge	38	23	61%
Problem Solving	28	21	75%
Algebra I	-	-	-

! Constructed Response. See Score Report Folder for explanation.
 - Test not taken.

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Electronic Career Portfolio

Vittoria Boni
astronomer

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Vision

- I believe that in order for one to achieve one must work hard and make good choices. If one does not work hard, one will not be experienced enough to know how to work on challenging situations. Also, if one does not make good choices, challenging decisions could prove fatal.

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Career Goals

- My career interests and goals begin with science and end with creative writing. I am currently taking Honor Biology this year, and I am planning to take Chemistry Honors and World Literature Honors the following year.
- To learn how to apply business to operations such as this, I participate in the Junior Achievement (internship-type) program out of Lockheed Martin, and I get the opportunity to work with some employees of the astronomy company as well.

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Career Goals Continued

- I hope to obtain a job, anywhere from errand-boy to project manager, at an astronomy company while attending college. I hope to one day work myself up to the top of such a company by my middle or late working years.

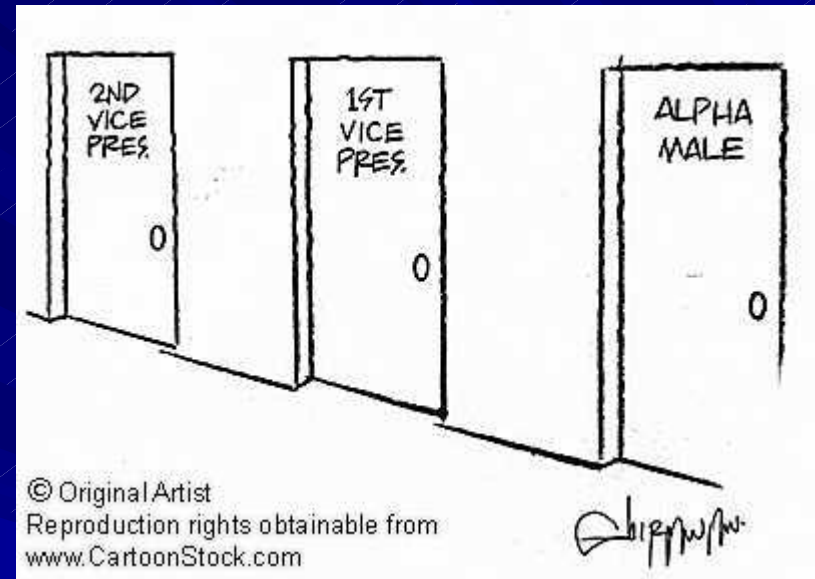


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My School Courses

Radnor Senior High School

World Studies Honors

World Lit. Honors

Honors Algebra 2

Chemistry Honors

Italian Level 1

Music/Synthesis

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Resume Introduction

My resume seeks to provide evidence confirming that I will make a good scientist, and that I will excel in my interest area. You may notice that in my resume, it mentions that I have already started to work. This symbolizes that I already know what people expect of me in the career world. I do many extra-curricular sports, as well as an instrument.

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College Course Examples

Amherst College

- **ASTR-11 Introduction to Modern Astronomy**
- **ASTR-14 Stars and Galaxies**
- **ASTR-37 Observational Techniques in Optical and Infrared Astronomy**
- **ASTR-52 Astrophysics II: Galaxies**
- **ASTR-74 Reading Course**

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College Requirements

Four years of English, Foreign
Languages, Math, and Science
and two years of History
>4.05 GPA: Entrance Guaranteed
with the previously listed courses

PSAT to SAT: 1440

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Employment Examples

Usually works with universities or government organizations

Top Salary- \$141,000/yr

- Astronomer
- Engineer
- Amateur Astronomer
- Teacher
- Public Outreach

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Places Astronomer Might Work

United Technologies Corporation

General Dynamics

Lockheed Martin

Astronomical Society of Greenbelt

Baltimore Astronomical Society

Celestial Searchers

Cumberland Astronomy Club

Harford County Astronomical Society

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Howard Astronomical League

National Capital Astronomers

Southern Maryland Astronomical Society

Tri-State Astronomers

Westminster Astronomical Society

Common Requirements for Astronomers

At Least 5 yrs. in school

2 yrs. in employment

Various Degrees

(Masters, Bachelor, PhD, Doctoral)

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Sources

<http://us.jobs.com/jobsearch.asp?q=Astronomer&cy=US>

<https://cms.amherst.edu/academiclife/departments/astronomy/courses>

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My Website

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