

Carpentry Careers

The Carpentry Careers program goes beyond the conventional applications of construction. Students employ skills and techniques necessary to woodworking and the construction industry, as well as stage design and construction. Students develop a strong work ethic and the interpersonal skills necessary to work with others and to respect the abilities of others. They are prepared to study at the post-secondary level or to enter a career path.

BCPS Magnet Transportation Information: George Washington Carver Center for Arts and Technology (Central Area) Transportation is provided at community pick-up points for students from all areas of Baltimore County Public Schools.

Open House: Sunday, October 9, 2011 1 - 3 p.m.

2012-2013 Assessment Guidelines


Assessment Date: Saturday, January 7, 2012 **Auditions by appointment**

Assessment reminders will be mailed to all applicants. Parents/Guardians of applicants who have NOT received notification at least five (5) days prior to the assessment date MUST contact the school to verify/schedule an appointment.

Parent(s)/guardian(s) should contact both the school and Magnet Office immediately if the applicant cannot attend or complete the scheduled assessment due to an unforeseen illness or emergency. Please be aware that assessments will not be rescheduled without documentation verifying the illness or emergency.

Inclement Weather Date: Saturday, January 28, 2012, at the previously scheduled appointment time

Inclement Weather: In the event that schools are closed due to inclement weather, weeknight magnet assessments will be postponed. Weekend magnet assessments will be postponed if the snow emergency plan is put into effect for Baltimore County. Postponed assessments will occur on the designated inclement weather date.

<p>Carver Center 938 York Road Towson, MD 21204</p>	<p><u>Directions to Carver Center:</u></p>
	<p>From West:</p> <ul style="list-style-type: none"> • I-695 N to Towson • Take exit 26A toward Towson/York Rd • Turn left at West Rd (signs for Towson/York Rd) • Take the 1st right onto York Rd • Make a right at the next light, Fairmount Ave.
<p><u>Magnet Coordinator</u> Lori Turner (410) 887-2775/2793 lturner2@bcps.org</p>	<p>From East:</p> <ul style="list-style-type: none"> • I-695 W to Towson • Take exit 26 toward Towson • Turn left at MD-45/York Rd • Make a right at the next light, Fairmount Ave.

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Prior to the Audition

Demonstration of Interest

This MUST be completed prior to coming to the audition.

1. **Essay:** Complete one of the following essay options and bring it to the audition.
 - a. Attend a high school, college or community theater performance and compose a 100 word essay on how the set design and props enhanced the performance. **Proof of attendance to the play must be attached to the essay** (ticket stub or program).
 - b. Compose a 400 word essay on “Why I Want to Learn Carpentry.”
The essay must be typewritten (1 inch margins, double spaced, 12 point font, using Times New Roman or Arial font) **in proper paragraph form.**
A title, the applicant’s name and the date must be typed at the top of the document.
2. **Joinery Box:** It is recommended, but not mandatory, that students construct a practice model of the joinery box in order to increase their skill level and help to obtain a higher score during the audition. It will not be necessary to bring the practice box to audition. *A sample drawing is provided.*

On the Day of the Audition

The audition takes approximately 2 hours.

Auditions by Appointment ONLY

It is the responsibility of the parent(s)/guardian(s) to:

- ensure that the applicant attends the assessment on the scheduled date and time.
- contact the schools if scheduled magnet assessment appointments conflict.

Failure to attend an assessment WILL result in disqualification.

Registration Information

Applicants will be advised of their appointments by postcard. Please arrive 15 minutes prior to the scheduled time. Students will register for the audition in the front lobby with the required materials. Students who are more than 10 minutes late may not be admitted into the audition. On average, the entire audition takes approximately two hours. Due to personnel and time constraints, auditions may not be rescheduled. Parents may stay in the main lobby during the audition, or return to the school within two hours. Due to the high volume of applicants, there will be no seating available in the school for parents/guardians.

Required Materials:

- Essay – Applicants must bring the completed essay with them to the audition.

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Assessment Description

1. **Essay (20 points):** The student will submit the typed essay. The essay will be evaluated on how closely the applicant followed the stated requirements and the quality of the response.
2. **The Joinery Box (25 points):** Students must have working knowledge of basic hand tools and be able to demonstrate their knowledge of and proficiency in constructing a 2 x 4 box using the specific joinery techniques.

Carpentry candidates will be asked to build a box using 2”x 4” construction. This project will give candidates an opportunity to demonstrate evidence of their manual dexterity skills and to substantiate essential basic carpentry knowledge. Candidates will be expected to read, apply basic math skills, measure, and interpret a similar drawing to construct the box using basic carpentry skills and knowledge. Candidates will use a variety of basic hand tools, including: handsaw, clamps, ruler, combination square, wood chisel, hammer, safety glasses, and pencil. Candidates will construct the box with basic joinery techniques, including: a rabbit joint and a 90 degree straight cut. Pieces will need to be measured accurately and the joints must be tight and cut straight.
3. **Math Test (30 points):** Students will take a math test that involves fractions, word problems, division and multiplication. Calculators are prohibited unless otherwise noted in an Individual Education Plan or 504 Plan. *A practice test is provided on page 4 of these guidelines.*
4. **Interview (25 points):** Students will participate in an interview to demonstrate their interest in the carpentry prime and their maturity to participate in a “Work Safe” environment.

Documented testing accommodations, as appropriate to the assessment, will be provided.

Applicants must score 80% or higher to qualify for admission.

Magnet Events

Magnet EXPO!	Saturday, September 24, 2011 Crowne Plaza Timonium	10 a.m. - 2 p.m.
Magnet Application Meetings	Tuesday, September 27, 2011 Woodlawn HS Auditorium	Program starts at 6 p.m.
	Wednesday, September 28, 2011 Kenwood HS Auditorium	Program starts at 6 p.m.
Application Deadline	Wednesday, November 30, 2011	

Application packets are available at www.bcps.org/offices/omp. Applications must be hand delivered or postmarked on or before **November 30, 2011**. Late applications are not processed.

CARPENTRY PRACTICE MATH TEST

Instructions: This is a five question math test. Read each question carefully and solve. Show all of your work. Each question is worth 5 points. This test is worth 30 points of a possible 100 points towards your evaluation score.

1) $\frac{1}{2} \times \frac{1}{2} =$

2) A carpenter is building an addition that measures 12 feet by 35 feet. What is the area of this addition?

3) One sheet of drywall weighs 46.7 pounds. You have ordered 26 sheets. How much will your total order weigh?

4) $\frac{9.2}{3} =$

5) $\frac{6}{14} - \frac{1}{8} =$

6) Measure the line _____ =

CARPENTRY PRACTICE MATH TEST ANSWER KEY

Instructions: This is a five question math test. Read each question carefully and solve. Each question is worth 5 points. This test is worth 25 points of a possible 100 points towards your application process. You will have fifteen minutes to take the test.

1. $1/2 \times 1/2 = \underline{1/4}$

2. A carpenter is building an addition that measures 12 feet by 35 feet. What is the area of this addition? **420 square feet**

3. One sheet of drywall weighs 46.7 pounds. You have ordered 26 sheets. How much will your total order weigh? **1214.2 pounds**

4. $\frac{9.2}{3} = \underline{3.066}$

5. $6/8 - 1/8 = \underline{5/8}$

6. Measure the line **3 11/16**

Sample Drawing of Joinery Box

