



End of Course (EOC) Test Blueprints

Family and Consumer Sciences

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About Test Blueprints

Test blueprints are created to provide guidance to Subject Matter Experts (SMEs) during the item writing phase of test development. In addition we believe that they can assist those instructors who did not participate in item writing (and administrators) to understand the broad content of the item bank. Items are formally allocated across a course outline in a three-step process*:

1. CETE psychometricians use a formula which assumes that all competencies within a course outline are *essential* and of equal importance to produce a suggested test blueprint for review by Ohio Department of Education program specialists and SMEs.
2. SMEs are formed into small groups during item writing and focus on writing a specific EOC test. Once in small groups, SMEs review the course outline and associated test blueprint and have the ability to make revisions/changes to the blueprint with a persuasive rationale based on their experience and expertise.
3. The blueprints created during small group work must be approved by the larger/full panel of SMEs attending an item writing workshop, which is the last step and produces the final blueprint which is summarized here.



Test blueprints can provide high-level guidance to instructors on preparing students for testing. It is important to keep in mind that the blueprint is a tool that is used when developing the test item bank during initial item writing and test creation. As with all tests, the End-of-Course test forms are a sample of the item bank.

Interpreting the Blueprints

Test blueprints display the total number of test items SMEs planned to write to a particular *outcome* (as designated in the course outline created by the Ohio Department of Education Office of Career-Technical Education or by a vendor). The blueprint describes the item bank which is the total pool of test items created. Final test forms of 40-items are created from the item bank.

*This process for producing test blueprints was implemented October 1, 2015. All tests created prior to this date were done so under a different blueprint process and therefore will not have these blueprint reports available.

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Career and College Readiness

ODE Subject Code: 091402

Outcome #	Outcome Name	% Items Approved by SMEs
Strand 1. Career Development		
1.1	Personal and Professional Skills	15.8
1.2	Career Exploration	16.8
1.3	Leadership and Communication	17.9
1.4	Resource Management and Information Technology	10.5
1.5	Global Environment	6.3
1.6	Entrepreneurship	6.3
Strand 3. Food and Nutrition		
3.6	Dining Etiquette	3.2
Strand 4. Personal Finance and Consumerism		
4.1	Financial Goals	9.5
4.3	Credit and Debt	2.1
4.6	Ethics, Law and Consumer Issues	6.3
Strand 5. Health and Wellness		
5.1	Lifespan Wellness	3.2
5.2	Physical Activity	2.1



Child Development

ODE Subject Code: 091025

Outcome #	Outcome Name	% Items Approved by SMEs
Strand 1. Career Development		
1.3	Leadership and Communications	3.2
1.4	Resource Management and Information Technology	4.3
1.5	Global Environment	3.2
Strand 2. Family Development		
2.1	Family Units	5.4
2.2	Parenting Roles and Responsibilities	8.6
2.3	Parenting Styles	6.5
2.4	Prenatal Care	8.6
2.5	Birth and Postpartum Care	10.8
2.6	Infant Care	9.7
2.7	Child Growth and Development	9.7
2.8	Childcare	6.5
Strand 3. Food and Nutrition		
3.2	Weight Management	3.2
3.3	Food Selection	2.2
Strand 5. Health and Wellness		
5.1	Lifespan Wellness	3.2
5.3	Emergency Preparedness	6.5
5.5	Human Sexuality	5.4
5.6	Personal Safety	3.2



Consumer Economics

ODE Subject Code: 091053

Outcome #	Outcome Name	% Items Approved by SMEs
Strand 1. Career Development		
1.1	Personal and Professional Skills	5.3
1.2	Career Exploration	2.1
1.3	Leadership and Communications	8.4
1.4	Resource Management and Information Technology	7.4
1.5	Global Environment	2.1
Strand 4. Personal Finance and Consumerism		
4.1	Financial Goals	24.2
4.2	Financial Services	6.3
4.4	Asset Protection	9.5
4.5	Purchasing Decisions	18.9
4.6	Ethics, Laws and Consumer Issues	13.7
Strand 7. Living Environment		
7.2	Home and Family Organization	2.1

Culinary Fundamentals

ODE Subject Code: 091220

Outcome #	Outcome Name	% Items Approved by SMEs
Strand 1. Career Development		
1.1	Personal and Professional Skills	5.3
1.2	Career Exploration	6.3
1.3	Leadership and Communications	5.3
1.4	Resource Management & IT	4.0
1.6	Entrepreneurship	5.3
Strand 3. Food and Nutrition		
3.1	Nutritional Information	12.6
3.3	Food Selection	11.9
3.4	Food Safety and Sanitation	14.7
3.5	Food Preparation	19.8
Strand 4. Personal Finance and Consumerism		
4.5	Purchasing Decisions	14.7



Food Science

ODE Subject Code: 091215

Outcome #	Outcome Name	% Items Approved by SMEs
Strand 1. Career Development		
1.1	Personal and Professional Skills	9.3
1.2	Career Exploration	3.7
1.3	Leadership and Communications	9.6
1.4	Resource Management & IT	7.4
Strand 3. Food and Nutrition		
3.1	Nutrition Information	7.4
3.2	Weight Management	3.7
3.3	Food Selection	8.5
3.4	Food Safety and Sanitation	12.8
3.5	Food Preparation	8.5
3.7	Sustainable Food Practices	7.4
Strand 4. Personal Finance and Consumerism		
4.5	Purchasing Decisions	3.7
4.6	Ethics, Law and Consumer Issues	11.2
Strand 7. Living Environment		
7.4	Environmental Sustainability	6.4



Global Foods

ODE Subject Code: 091210

Outcome #	Outcome Name	% Items Approved by SMEs
Strand 1. Career Development		
1.1	Personal and Professional Skills	8.6
1.2	Career Exploration	1.4
1.3	Leadership and Communication	14.3
1.5	Global Environment	11.5
Strand 2. Family Development		
2.1	Family Units	4.2
Strand 3. Food and Nutrition		
3.1	Nutritional Information	6.3
3.2	Weight Management	1.5
3.3	Food Selection	5.8
3.4	Food Safety and Sanitation	8.8
3.5	Food Preparation	15.8
3.6	Dining Etiquette	8.8
3.7	Sustainable Food Practices	5.8
Strand 4. Personal Finance and Consumerism		
4.1	Financial Goals	2.1
4.2	Financial Services	1.2
4.5	Purchasing Decisions	2.5
4.6	Ethics, Law and Consumer Issues	1.2



Human Growth and Development

ODE Subject Code: 093015

Outcome #	Outcome Name	% Items Approved by SMEs
Strand 1. Career Development		
1.3	Leadership and Development	6.3
Strand 2. Family Development		
2.1	Family Units	12.6
2.2	Parenting Roles and Responsibilities	16.8
2.3	Parenting Styles	2.1
2.7	Child Growth and Development	14.7
Strand 3. Food and Nutrition		
3.2	Weight Management	2.1
3.3	Food Selection	3.2
Strand 4. Personal Finance and Consumerism		
4.1	Financial Goals	6.3
Strand 5. Health and Wellness		
5.1	Lifespan Wellness	6.3
5.2	Physical Activity	8.4
5.3	Emergency Preparedness	6.3
5.4	Mental Health	8.4
5.6	Personal Safety	6.3



Interior Design Furnishings and Management

ODE Subject Code: 091500

Outcome #	Outcome Name	% Items Approved by SMEs
Strand 1. Career Development		
1.1	Personal and Professional Skills	7.4
1.2	Career Exploration	4.2
1.3	Leadership and Communication	7.4
1.4	Resource Management and Information Technology	4.2
1.5	Global Environment	4.2
1.6	Entrepreneurship	7.4
Strand 4. Personal Finance and Consumerism		
4.5	Purchasing Decisions	9.5
4.6	Ethics, Law and Consumer Issues	6.3
Strand 6. Design		
6.1	Design Principles	8.4
6.2	Textile Design	6.3
6.3	Produce, Alter and Repair Textiles	7.4
6.4	Interior and Exterior Design	9.5
6.5	Interior and Exterior Decorating	7.4
Strand 7. Living Environment		
7.1	Clean Environment	5.3
7.2	Home and Family Organization	5.3



Introduction to Family and Consumer Sciences

ODE Subject Code: 091201

Outcome #	Outcome Name	% Items Approved by SMEs
Strand 1. Career Development		
1.1	Personal and Professional Skills	1.1
1.2	Career Exploration	5.3
1.3	Leadership and Communications	5.3
1.4	Resource Management and Information Technology	2.1
1.5	Global Environment	3.2
Strand 2. Family Development		
2.1	Family Units	3.2
2.6	Infant Care	1.1
2.7	Child Growth and Development	1.1
2.8	Childcare	1.1
Strand 3. Food and Nutrition		
3.1	Nutritional Information	3.2
3.2	Weight Management	2.1
3.3	Food Selection	3.2
3.4	Food Safety and Sanitation	2.1
3.5	Food Preparation	3.2
3.6	Dining Etiquette	1.1
3.7	Sustainable Food Practices	1.1
Strand 4. Personal Finance and Consumerism		
4.1	Financial Goals	6.3
4.2	Financial Services	1.1
4.3	Credit and Debt	3.2
4.4	Asset Protection	2.1
4.5	Purchasing Decisions	9.5
4.6	Ethics, Law and Consumer Issues	4.2
Strand 5. Health and Wellness		
5.1	Lifespan Wellness	7.4
5.2	Physical Activity	6.3
5.3	Emergency Preparedness	2.1
5.4	Mental Health	3.2
5.5	Human Sexuality	2.1
5.6	Personal Safety	5.3
Strand 6. Design		
6.1	Design Principles	3.2
6.2	Textile Design	2.1



Strand 7. Living Environment		
7.1	Clean Environment	2.1
7.2	Home and Family Organization	1.1

Leadership and Community Engagement

ODE Subject Code: 091403

Outcome #	Outcome Name	% Items Approved by SMEs
Strand 1. Career Development		
1.1	Personal and Professional Skills	21.1
1.2	Career Exploration	6.3
1.3	Leadership and Communications	28.4
1.4	Resource Management and Information Technology	6.3
1.5	Global Environment	13.7
1.6	Entrepreneurship	15.8
Strand 2. Family Development		
2.7	Child Growth and Development	5.3
Strand 4. Personal Finance and Consumerism		
4.6	Ethics, Law and Consumer Issues	3.2

Personal Financial Management

ODE Subject Code: 091052

Outcome #	Outcome Name	% Items Approved by SMEs
Strand 1. Career Development		
1.1	Personal and Professional Skills	4.2
1.3	Leadership and Communications	3.2
1.4	Resource Management and Information Technology	5.3
1.6	Entrepreneurship	4.2
Strand 4. Personal Finance and Consumerism		
4.1	Financial Goals	21.1
4.2	Financial Services	12.6
4.3	Credit and Debt	14.7
4.4	Asset Protection	12.6
4.5	Purchasing Decisions	13.7
4.6	Ethics, Law and Consumer Issues	6.3
Strand 6. Design		
6.4	Interior and Exterior Design	2.1



Personal Wellness

ODE Subject Code: 093010

Outcome #	Outcome Name	% Items Approved by SMEs
Strand 1. Career Development		
1.1	Personal and Professional Skills	7.0
1.3	Leadership and Communication	5.0
1.4	Resource Management and Information Technology	2.0
1.5	Global Environment	8.0
Strand 2. Family Development		
2.1	Family Units	6.3
Strand 3. Food and Nutrition		
3.1	Nutritional Information	2.0
3.2	Weight Management	2.0
3.3	Food Selection	2.9
3.4	Food Safety and Sanitation	2.9
3.5	Food Preparation	4.2
3.7	Sustainable Food Practices	3.9
Strand 4. Personal Finance & Consumerism		
4.6	Ethics, Law and Consumer Issues	2.1
Strand 5. Health and Wellness		
5.1	Lifespan Wellness	13.1
5.2	Physical Activity	8.1
5.3	Emergency Preparedness	6.0
5.4	Mental Health	8.1
5.5	Human Sexuality	5.0
5.6	Personal Safety	7.1
Strand 7. Living Environment		
7.1	Clean Environment	4.2



Principles of Food

ODE Subject Code: 091205

Outcome #	Outcome Name	% Items Approved by SMEs
Strand 1. Career Development		
1.1.	Personal and Professional Skills	3.2
1.2.	Career Exploration	3.2
1.3.	Leadership and Communications	3.2
1.4.	Resource Management and Information Technology	3.2
1.5.	Global Environment	5.3
1.6.	Entrepreneurship	2.1
Strand 3. Food and Nutrition		
3.1	Nutrition Information	12.6
3.2.	Weight Management	4.2
3.3	Food Selection	13.7
3.4	Food Safety and Sanitation	12.6
3.5	Food Preparation	13.7
3.6.	Dining Etiquette	3.2
3.7	Sustainable Food Practices	5.3
Strand 4. Personal Finance and Consumerism		
4.5	Purchasing Decisions	6.3
4.6.	Ethics, Law and Consumer Issues	4.2
Strand 5. Health and Wellness		
5.1.	Lifespan Wellness	4.2



Principles of Nutrition and Wellness

ODE Subject Code: 091225

Outcome #	Outcome Name	% Items Approved by SMEs
Strand 1. Career Development		
1.1	Personal and Professional Skills	6.3
1.2	Career Exploration	3.2
1.3	Leadership and Communications	5.3
1.4	Resource Management & IT	1.3
Strand 3. Food and Nutrition		
3.1	Nutrition Information	9.5
3.2	Weight Management	9.5
3.3	Food Selection	8.4
3.5	Food Preparation	6.3
Strand 5. Health and Wellness		
5.1	Lifespan Wellness	13.7
5.2	Physical Activity	8.4
5.3	Emergency Preparedness	6.3
5.4	Mental Health	8.4
5.5	Human Sexuality	5.6
5.6	Personal Safety	7.8



Textile Design, Construction and Maintenance

ODE Subject Code: 091505

Outcome #	Outcome Name	% Items Approved by SMEs
Strand 1. Career Development		
1.1	Personal and Professional Skills	10.5
1.2	Career Exploration	3.2
1.3	Leadership and Communications	7.4
1.4	Resource Management and Information Technology	6.3
1.5	Global Environment	4.2
1.6	Entrepreneurship	10.5
Strand 4. Personal Finance and Consumerism		
4.5	Purchasing Decisions	12.6
4.6	Ethics, Law and Consumer Issues	9.5
Strand 6. Design		
6.1	Design Principles	6.3
6.2	Textile Design	9.5
6.3	Produce, Alter and Repair Textiles	9.5
Strand 7. Living Environment		
7.1	Clean Environment	5.3
7.4	Environmental Sustainability	5.3



Textiles and Interior Design

ODE Subject Code: 091501

Outcome #	Outcome Name	% Items Approved by SMEs
Strand 1. Career Development		
1.1	Personal and Professional Skills	4.2
1.2	Career Exploration	5.3
1.3	Leadership and Communication	4.2
Strand 3. Food and Nutrition		
3.6	Dining Etiquette	2.1
Strand 6. Design		
6.1	Design Principles	11.6
6.2	Textile Design	10.5
6.3	Produce, Alter and Repair Textiles	6.3
6.4	Interior and Exterior Design	6.3
6.5	Interior and Exterior Decorating	9.5
Strand 7. Living Environment		
7.1	Clean Environment	8.4
7.2	Home and Family Organization	4.2
7.3	Property Maintenance	10.5
7.4	Environmental Sustainability	8.4
7.5	Safe and Secure Living Environment	8.4



Transitions and Career

ODE Subject Code: 091410

Outcome #	Outcome Name	% Items Approved by SMEs
Strand 1. Career Development		
1.1	Personal and Professional Skills	10.5
1.2	Career Exploration	12.6
1.3	Leadership and Communication	12.6
1.4	Resource Management and Information Technology	6.3
1.5	Global Environment	6.3
1.6	Entrepreneurship	6.3
Strand 2. Family Development		
2.1	Family Units	2.1
2.2	Parenting Roles and Responsibilities	2.1
2.7	Child Growth and Development	2.1
Strand 3. Food and Nutrition		
3.6	Dining Etiquette	2.1
Strand 4. Personal Finance and Consumerism		
4.1	Financial Goals	8.4
4.2	Financial Services	3.2
4.3	Credit and Debt	6.3
4.4	Asset Protection	3.2
4.5	Purchasing Decisions	5.3
4.6	Ethics, Law and Consumer Issues	4.2
Strand 5. Health and Wellness		
5.1	Lifespan Wellness	2.1
5.2	Physical Activity	4.2

Personal Wellness and Development

ODE Subject Code: 093005

Outcome #	Outcome Name	% items Approved by SMEs
Strand 1. Career Development		
1.1	Personal and Professional Skills	5.2
Strand 2. Family Development		
2.1	Family Units	3.1
2.7	Child Growth and Development	4.2
Strand 3. Food and Nutrition		
3.1	Nutritional Information	5.2
3.2	Weight Management	9.4
3.3	Food Selection	5.2
3.4	Food Safety and Sanitation	9.4
3.5	Food Preparation	7.3
Strand 4. Personal Finance and Consumerism		
4.1	Financial Goals	4.2
Strand 5. Health and Wellness		
5.1	Lifespan Wellness	14.6
5.2	Physical Activity	10.4
5.4	Mental Health	9.4
5.5	Human Sexuality	4.2
5.6	Personal Safety	8.3

