

WORCESTER PUBLIC SCHOOLS – NEW COURSE REQUEST FORM

Date of Request: 6/13/18

Requesting School/ Office: New Citizens Center Secondary & Young Adult

Proposed Course Name: Introduction to Life Sciences

Required Prerequisite Course/s: N/A

Proposed Course Level				
(check all that apply)				
A.P.		Honors		College
				X

Proposed Course Credit				
(check all that apply)				
1.0		.5		.25
X				

G.P.A.		Honor Roll	
Yes	No	Yes	No
X		X	

Proposed Course Department	Select one	
	Core Course	Core Elective
Science	X	

Is proposed course a Career/Vocational Technical Course			
(if yes check one)			
Yes	No	Chapter 74	Non-Chapter 74
	X		

Proposed Course Description: In the course, students will be introduced to the study of living things. They will study organisms such as microorganisms, plants, and animals. Students will study specific types of life such as zoology and botany. They will also explore topics such as genetics, anatomy, biotechnology, ecology and bioethics.

Essential question/s for the course:
What are living things and how do they operate?

Standards addressed in the course:
 LS1. From Molecules to Organisms: Structures and Processes
 LS2. Ecosystems: Interactions, Energy and Dynamics
 LS3. Heredity: Inheritance and Variation of Traits
 LS4. Biological Evolution: Unity and Diversity

MassCore is a rigorous and comprehensive course study recommended by the Commonwealth as preparation for college and career. MassCore is also the vehicle through which high school students can gain competence in computational, scientific, visual, creative, and critical thinking and can engage opportunities for “hands-on” application and exploration of new areas of knowledge and experiences.

How does this course support the readiness of students for college and career?
 Students will gain an understanding of the life sciences which will broaden and deepen their scientific understanding.

Please Note:
 All New Course Requests must come through the school principal.

For Office Use Only	
Approved Date:	_____
S.C. Item Number:	_____
Assigned Course Number:	_____
Dept. Code:	_____
Subject Area Code Number:	_____
Subject Area Course:	_____
Zip Code Number:	_____