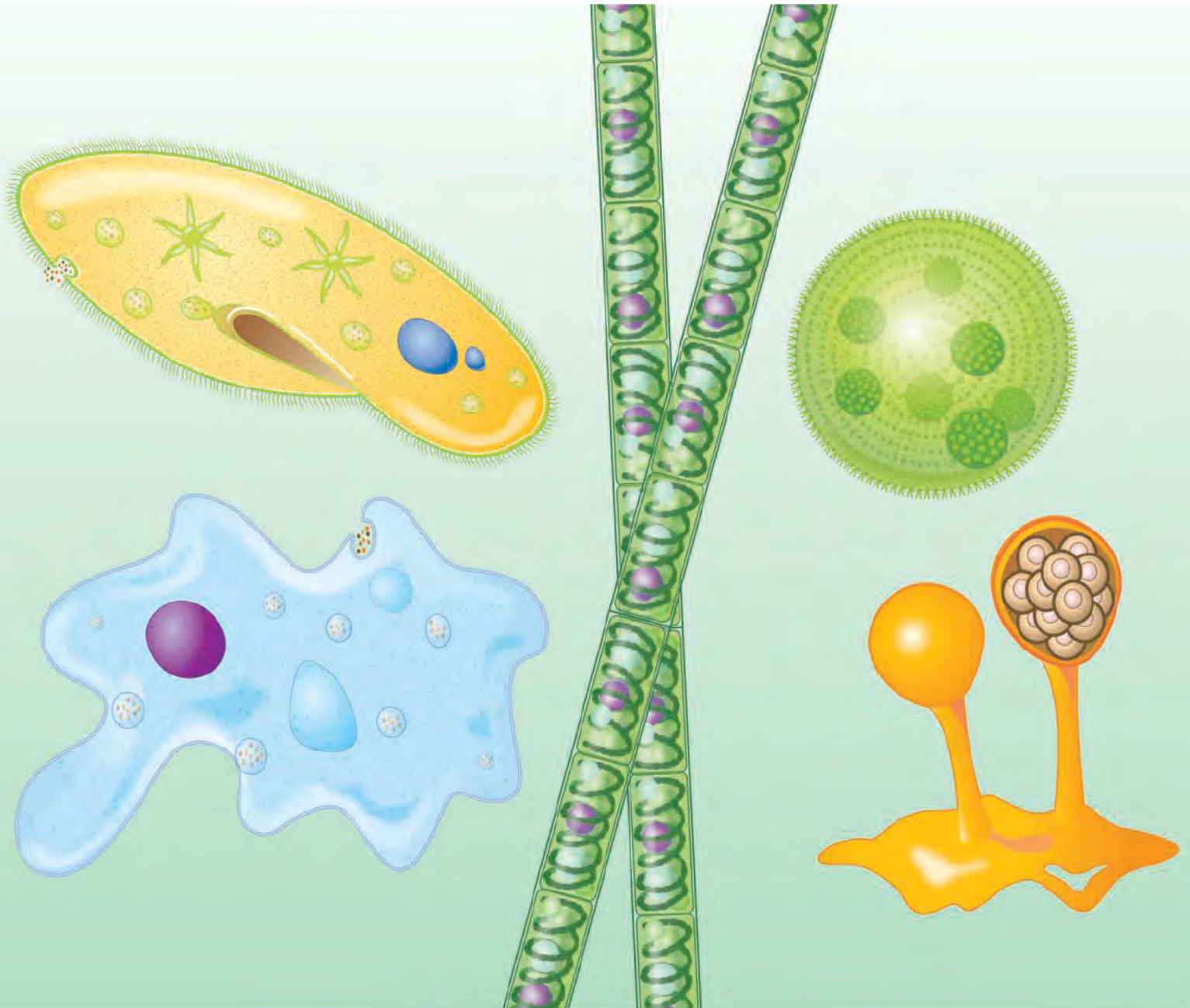


Protists: Pond Microlife *Learning Guide*



Visit www.newpathlearning.com for Online Learning Resources.

© Copyright NewPath Learning

TABLE OF CONTENTS

Lesson 1 - What is a Protist?	2
Lesson 2 - Plant-Like Protists	4
Lesson 3 - Euglena	5
Lesson 4 - Volvox.....	6
Lesson 5 - Spirogyra.....	7
Pause & Review - Plant-Like Protists.....	8
Lesson 6 - Animal-Like Protists	9
Lesson 7 - Amoeba	10
Lesson 8 - Paramecium.....	11
Pause & Review - Animal-Like Protists.....	13
Lesson 9 - Fungus-Like Protists	14
Pause & Review - Compare Protists.....	15
Lab Investigation - Comparing Protists.....	16
Key Vocabulary Terms.....	20
Vocabulary Review	23
Assessment Review	26
Assessment.....	28
Assessment Key.....	30
NGSS Correlations	31



Phone: 800-507-0966

Fax: 800-507-0967

www.newpathlearning.com

NewPath Learning® Products are developed by teachers using research-based principles and are classroom tested. The company's product line consists of an array of proprietary curriculum review games, workbooks, charts, posters, visual learning guides, interactive whiteboard software and other teaching resources. All products are supplemented with web-based activities, assessments and content to provide an engaging means of educating students on key, curriculum-based topics correlated to applicable state and national education standards.

Copyright © MMXIII NewPath Learning. All Rights Reserved.

ISBN 978-1-63212-064-9

Printed in the United States of America.

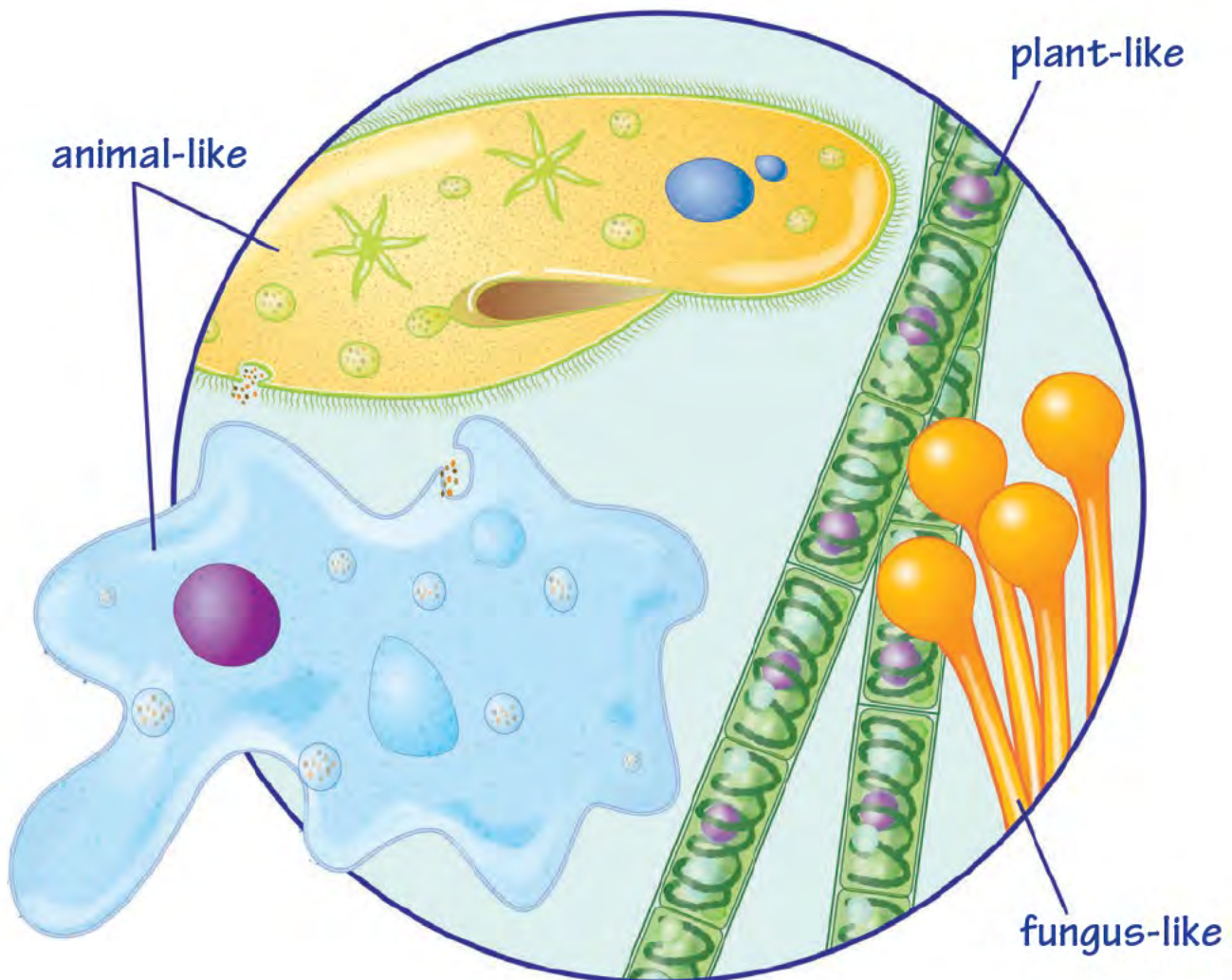
WHAT IS A PROTIST?

Kingdom Protista

The **Kingdom Protista** is the **most diverse group** of organisms. Some protists are **unicellular** (single-cell), while others are **multicellular** (multi-cell).

Protist Categories

The wide variety of characteristics of the numerous protist species makes it difficult to categorize them, but scientists have developed a method that places each species into three separate categories: **animal-like**, **plant-like** (algae) and **fungus-like**.

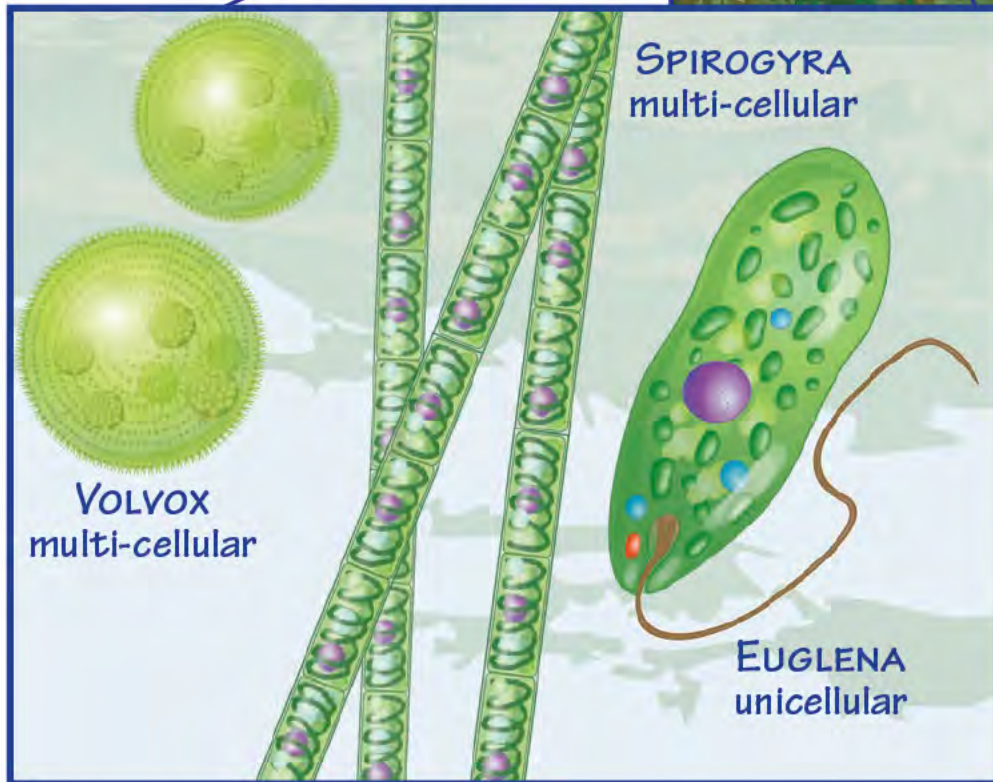
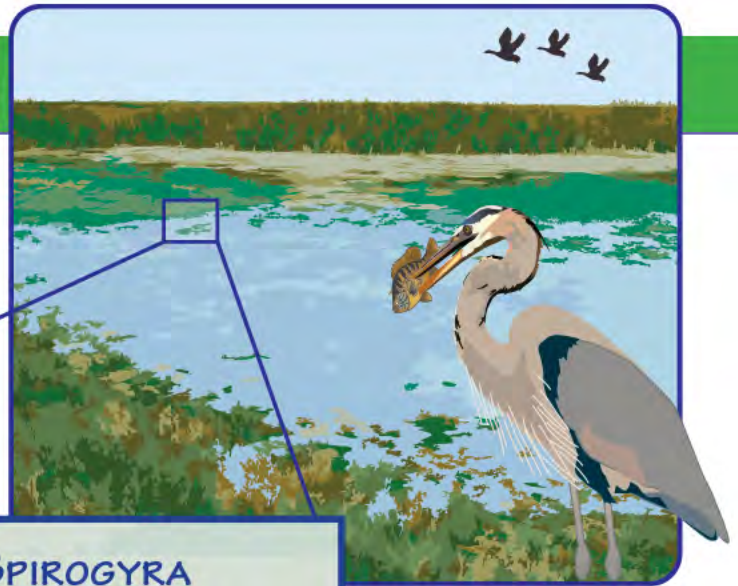


LESSON 2

PLANT-LIKE PROTISTS

Algae

Plant-like protists are known as **algae**, typically found in **freshwater** habitats. Algae can be **unicellular** or **multi-cellular**.



All algae contain the green pigment **chlorophyll** in their **chloroplasts** which gives them the ability to make their own food by **photosynthesis**.

PHOTOSYNTHESIS

