

Grade Levels(s): K , 1st , 2nd , 3rd , 4th , 5th , 6th , 7th ,
8th , 9th , 10th , 11th , 12th
Subject(s): ELA, Science

Wonder of the Day #1536
Why Do Snails Leave Slime Trails?

Laura McShane

Escargot - your new favorite animal!! 30 min

Objective:

Sort out fact and fiction about snails

Big Idea:

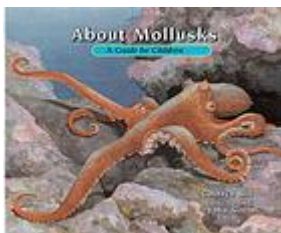
Why do we think some animals are cute and other animals are gross?

1. Warm Up / Anticipatory 10 min

Read [Escargot](#) by Pashka Slater and pictures by Sydney Hanson.



Then, [About Mollusks: A Guide for Children](#) by Cathryn Sill and illustrated by John Sill



More information:

<http://www.seaslugforum.net/general.htm>

We also included an easy snail craft after the story time



Resources

- <http://wg.wonderopolis.org/uploads/users/1209/335/escargot.JPG>

2. Investigation and New Learning 20 min

There are almost 100,000 species of mollusks around the world, and many tens of thousands more undiscovered. Most mollusk species only live in the ocean, but some live in freshwater or on land.

All over the world, snails and slugs are a source of **protein** in the diets of many people. They're even considered a **delicacy** in some places. For example, in France, **escargot** is a specialty dish made of a certain type of land **snail**.

There are other ways that snails are important to people. **Biomimicry** is an approach to innovation that seeks sustainable solutions to human challenges by emulating nature's time-tested patterns and strategies.

Sealant inspired by slug slime could plug holes in the heart

By [Giorgia Guglielmi](#) Jul. 27, 2017 , 2:00 PM

See: <http://www.sciencemag.org/news/2017/07/slug-slime-...>



3. Review & Check for Understanding

Discussion about animals we eat and those we don't eat. What makes a "pet"? And, do other animals need humans?



The photo shows a pet [Giant African Land Snail!](#)

Standards: 0.2.8.8. 0.2.4.4. 0.2.10.10. K.LS.2. K.SL.3.1. 0.2.2.2. K.4 (B) SA1. SC2. K.10 (A) (K.9) 0.2.1.1. K.RV.3.2. K.RF.1.1. K.RN.1.1. 0.3.0.4. 0.6.1.1. 0.8.2.2. K.RN.2.1. K.RN.2.2. K.1.1. K.RN.4.1. K.I.3.1. K.RN.3.2. [3] SC4.1. [3] SC2.2. K.9.B) K.10 (B) K.2 (B) 110.11 (F) 110.11 (C) K.9 (B) K.3 (C) K.1.H) K.1.B) K.1.A) K.2 (D) 110.11 (B) RI.K.1. L.K.6. [3] SA1.1. [3] SA1.2. [3] SA3.1. SL.K.2. RF.K.4. RI.K.2. RI.K.4. RI.K.8. RI.K.10. 0.10.6.6. K.RV.1.1. K.RL.P.4.1. K.RI.P.4.1. 2.3.1.B. 2.1.1.E. LA 0.4.1.A. 2.1.1.B. K.RI.MC.6.1. K.RI.LCS.8.1. K.S.1A.5. K.S.1A.8. K.S.1A.4. K.S.1A.3. K.RI.LCS.11.2. K.S.1A.1. LA 0.1.6.O. LA 0.1.6.M. RF.K.4 W.K.1 RI.K.10 RI.K.8 RI.K.2 RI.K.4 SL.K.2 L.K.6 LA 0.1.6.E. LA 0.1.6.I. LA 0.1.6.D. LA 0.1.5.C. LA 0.1.5.B. K.L.2A.1. K.C.MC.2.1. RI.K.1 K.L.2A.3. K.L.2A.6. 1.10.G) 1.10.F) 1.1.B) 1.8.E) 1.1.I) 1.5.B) 1.1.1. 1.8.D) 1.8.B) 1.2.7.7. 1.2.6.6. 1.2.4.4. 1.2.2.2. 1.2.8.8. 1.2.10.10. 1.5.C) 1.8.2.2. 1.3.0.4.A. 1.8.C) 1.1.3.1.1. 1.RV.2.1. 1.RV.1.1. 1.RN.4.1. 1.RV.3.2. 1.2.1.1. LA 1.1.5.B. 1.LS.2. 1.SL.3.1. 1.RN.2.2. 1.RN.2.1. LA 1.1.6.E. 1.4.1.1.1. 1.10.4.4.A. LA 1.1.5.C. 1.RF.1.1. 1.RN.1.1. 1.RF.2.2. 1.RF.2.1. 1.7.A) 110.12 (D) 2.3.1.B. 2.1.1.E. 2.1.1.B. 1.S.1A.4. 1.S.1A.3. 1.W.MCC.2.1. 1.S.1A.1. LA 1.4.1.A. LA 1.2.1.C. 1.2 (D) 1.2 (B) 1.10 (A) LA 1.1.6.I. LA 1.1.6.O. 1.S.1A.8. 1.RI.LCS.11.2. 1.RI.LCS.9.1. RI.1.7 RI.1.8 RI.1.10 RI.1.6 RI.1.4 RI.1.1 RI.1.2 RF.1.4A RF.1.4C 1.RI.MC.6.1. 1.RI.LCS.8.1. 1.I.3.1. 1.I.2.1. SL.1.2 L.1.4A SC2. LA 1.1.6.M. 110.12 (C) 1.19 (C) 1.14 (B) 1.14 (A) 110.12 (F) RL.1.5. RI.1.4. RI.1.2. RI.1.1. 1.6 (C) 1.S.1A.5. 2.1. 1.1. 2.1. 3.1. 3.3. 1.4 (B) 5.1. 4.2. SA1. RI.1.6. L.1.4.A. SL.1.2. RF.1.4.C. RF.1.4.A. [3] SA1.1. [3] SA1.2. [3] SC4.1. [3] SC2.2. [3] SA3.1. RI.1.10. RI.1.7. LA 10.1.6.M. LA 10.1.6.I. LA 10.1.6.O. 9-10.4 (C) 9-11.11 (A) LA 10.1.6.H. LA 10.1.6.F. LA 10.1.5.C. LA 10.1.4.A. LA 10.1.5.D. 9-11.10 (A) LA 10.1.6.E. LA 10.2.1.C. EIII.9 (B) E4.RI.MC.5.2. E4.RI.MC.5.1. EI.1 (A) E4.RI.MC.6.1. E4.RI.LCS.8.1. E4.RI.LCS.9.3. E4.RI.LCS.9.2. E4.RI.LCS.9.1. (EI.8) 110.31 (A) 110.32 (B) EIII.1 (A) EIII.1 (B) 110.32 (A) EII.9 (B) 110.31 (B) EII.1 (A) (EII.8) E4.RI.LCS.9.4. E4.RI.LCS.9.5. RST.9-10.10. WHST.9-10.2(D) WHST.9-10.6. RST.9-10.9. RST.9-10.5. H.E.1A.8. RST.9-10.2. RST.9-10.4. WHST.9-10.7. WHST.9-10.8. H.B.1A.3. E4.C.MC.1.1. E4.RI.LCS.11.2. H.B.1A.4. H.B.1A.8. WHST.9-10.9. WHST.9-10.10. H.B.2C.2. LA 10.4.1.A. EIII.15 (C) (V) 110.48.2 (F) 110.48.3 (A) 110.48.4 (E) 110.48.2 (A) 110.48.1 (A) 110.47.8 (B) 110.47.8 (D) 110.47.9 (E) 110.48.4 (F) 110.48.5 (A) 110.54.5 (B) 10-12.6 (A) 9-11.2 (F) 110.54.5 (A) 110.54.3 (A) 110.48.6 (A) 110.48.6 (C) 110.53.3 (B) 110.47.8 (A) 110.47.7 (A) EIV.9 (D) EIV.15 (C) (V) 110.34 (A) (EIV.8) EIV.1 (B) 110.33 (A) 110.33 (B) EIV.1 (A) 110.34 (B) 110.46.1 (A) 110.47.5 (B) 110.47.6 (A) 110.47.6 (C) 110.47.4 (C) 110.47.3 (D) 110.47.1 (A) 110.47.2 (A) 9-11.2 (G) 9.13.9.9. E1.RI.LCS.9.1. E1.RI.MC.6.1. ICP.3.3. 9-10.W.1.1. 9-10.RV.2.1. 9-10.RV.2.2. E1.RI.MC.5.2. E1.RI.MC.5.1. B.1.1. L.9-10.6 E1.I.2.1. E1.RI.P.4.1. E1.RI.P.4.3. 9-10.RV.1.1. 9-10.RN.2.2. E2.RI.P.4.1. E2.I.2.1. E2.RI.P.4.3. E2.RI.MC.5.1. E2.RI.MC.5.2. E1.C.MC.1.1. E1.RI.LCS.9.5. 9-10.RN.1.1. 9-10.RN.2.1. E1.RI.LCS.9.2. E1.RI.LCS.9.3. E1.RI.LCS.9.4. L.9-10.4D L.9-10.4A RST.9-10.5. RST.9-10.9. RST.9-10.4. RST.9-10.2. SA1. SC2. RST.9-10.10. WHST.9-10.2.D. WHST.9-10.9. WHST.9-10.10. WHST.9-10.8. WHST.9-10.7. WHST.9-10.6. [10] SC2.1. [10] SA1.2. RI.9-10.1 RI.9-10.1. RI.9-10.2 RI.9-10.4 W.9-10.8 RI.9-10.2. RI.9-10.4. L.9-10.6. [10] SA1.1. L.9-10.4.D. L.9-10.4.A. W.9-10.8. E2.RI.MC.6.1. E2.RI.LCS.8.1. BIO.6.A) BIO.4.D) 9.5.1.1. E3.RI.MC.5.1. E3.RI.MC.6.1. E3.RI.MC.5.2. BIO.4.B) BIO.4.A) 10.5.F) 10.3.F) 10.5.H) BIO.1.A) BIO.1.L) E3.RI.LCS.8.1. E3.RI.LCS.9.1. E4.RI.P.4.3. E4.RI.P.4.1. 12.3.4.A. 12.3.1.D. 12.1.1.G. E4.I.2.1. E3.C.MC.1.1. E3.RI.LCS.9.3. E3.RI.LCS.9.2. E3.RI.LCS.9.4. E3.RI.LCS.9.5. E3.RI.LCS.11.2. 9.5.2.2. 9.5.4.4. E3.RI.P.4.3. E3.RI.P.4.1. 9.14.10.10. 9.14.9.9. 9.14.8.8. E3.I.2.1. E2.C.MC.1.1. E2.RI.LCS.9.2. E2.RI.LCS.9.1. E2.RI.LCS.9.3. E2.RI.LCS.9.4. E2.RI.LCS.9.5. 9.14.7.7. 9.14.2.2.D. 9.11.6.6. 9.11.1.2. 9.11.4.4.D.