

Ag Literacy Project Material Kit

“Wally the Wrangler” by Will Jordan

This kit contains:

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| ☐ 1 Paperback book: <i>“Wally the Wrangler”</i> – by Will Jordan | ☐ 1 Club Soda |
| ☐ 5 Pop Rock Candy Bags | ☐ 25 brown pom poms |
| ☐ Bag of green crinkle paper | ☐ 1 tablecloth with grass on it |
| ☐ 10 small cups to split the water and club soda | ☐ 1 long rope |
| ☐ 5 paper funnels | ☐ 1 set of nutrition cards |
| ☐ 5 Plastic Spoons | ☐ 1 Sharpie |
| ☐ 25 quart-size bags | |
| ☐ 10 paper towels | |
| ☐ 2 dehydrated sponges | |
| ☐ 1 Water Bottle | |

Please Note: All printable presentation materials will be located online –

<https://newmexico.agclassroom.org/teacher/literacy/>

There are enough materials in this kit for up to 25 students (1 classroom).

PREPARING FOR THE PRESENTATION

- Practice, Practice, and Have Fun!
- Have the PowerPoint saved on a thumb drive or email to the teacher prior to the visit.
- Wear Official Dress OR something representing your chapter/club/group for the students to make the connection.
- Print out the proper amount of presentation materials for the class/classes you’re visiting.
- Provide the visiting teacher with the paper evaluation form before you begin.

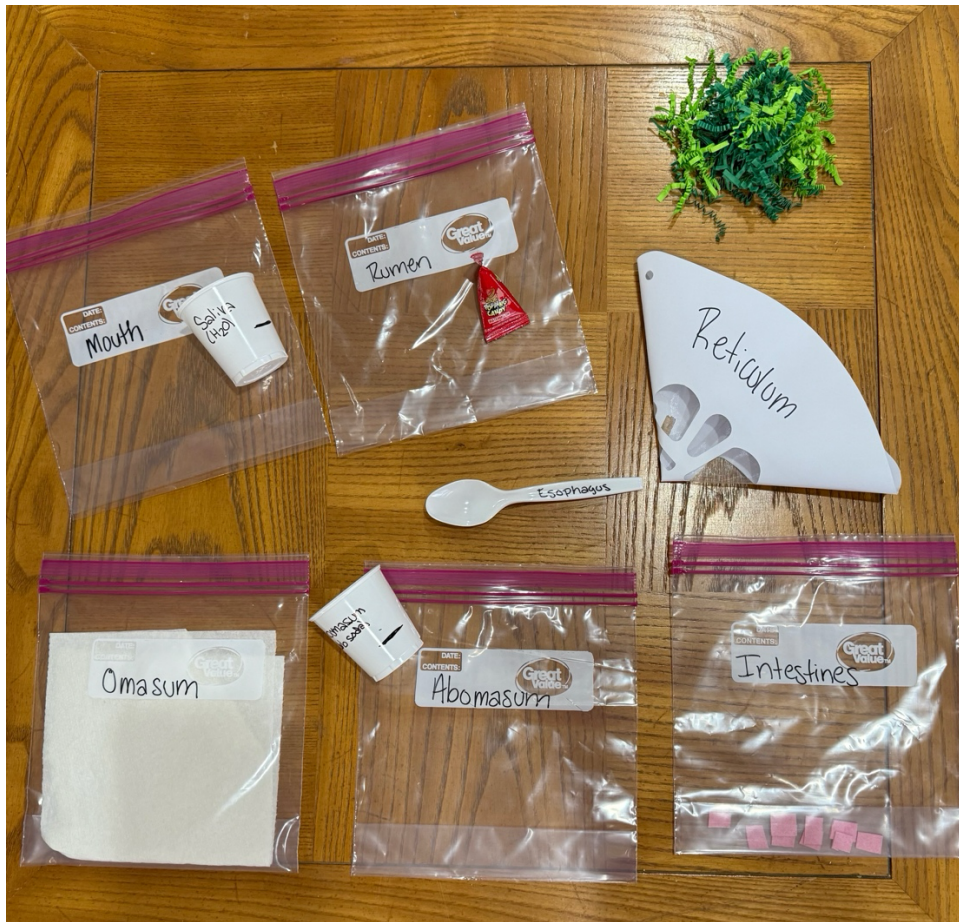
AFTER PRESENTATION

- Collect the paper evaluation form or have them complete it via QR code before leaving the school & leave the book for the class to enjoy.
- Send “Participation Form” to Shae Devers at shaed@nmflb.org OR submit via the JotForm Link (in website or sent in email)
- Encourage K – 5th grade teachers to utilize a follow-up lesson from our website:
 - K-2: Milk or Meat? Beef or Dairy? - <https://newmexico.agclassroom.org/matrix/lessons/267/>
 - K-2: Animals on the Farm - <https://newmexico.agclassroom.org/matrix/lessons/861/>
 - 3-5: Beef Basics- <https://newmexico.agclassroom.org/matrix/lessons/284/>
 - 3-5: Build a Calf- <https://newmexico.agclassroom.org/matrix/lessons/529/>
 - And many more! Check out our website – www.nmaitc.org

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Ruminant Digestion Activity — Bag-by-Bag Setup

1. Quart Bag #1 — MOUTH

- Label the bag: **MOUTH**
- Next to bag:
 - 1 small plastic cup labeled **SALIVA** and fill the cup 1/3 full with water

2. Spoon — ESOPHAGUS

- Label the spoon: **ESOPHAGUS**

3. Quart Bag #2 — RUMEN

- Label the bag: **RUMEN**
- Next to your bag, have your Pop Rocks ready to empty in.

4. Paper Funnel — RETICULUM

- Label the paper funnel: **RETICULUM**

5. Quart Bag #3 — OMASUM

- Label the bag: **OMASUM**
- Place inside:
 - Paper towel

6. Quart Bag #4 — ABOMASUM

- Label the bag: **ABOMASUM**
- Next to bag:
 - Small plastic cup labeled **STOMACH ACID & DIGESTIVE JUICES** and fill the cup with 1/3 club soda

7. Quart Bag #5 — SMALL INTESTINE

- Label the bag: **INTESTINES.**
- Place inside:
 - Cut up squares of sponges
 - Set the long string around the room and place the nutrition cards along it.