

Names: \_\_\_\_\_ Date: \_\_\_\_\_

# Scavenger Hunt

**DO NOT DAMAGE, REMOVE, TEAROFF or Molest in any way the specimens being photographed!!**

## Materials Needed:

- Cell Phone/digital camera
- Your “Learn it, Live it, Love it” Handout, your “Ding-a-Ling” Handout,
- Whiteboard and marker
- A pen or pencil
- This worksheet

- Rules:**
1. Specimens may be collected within & while staying on the campus.
  2. Do not go into the street or into people’s yards.
  3. Select groups of 2 or 3. Each player in the group must announce & identify at least 5 items on camera.
  4. Use your handout to identify the type of LEAF TYPE (simple or compound), type of LEAF ARRANGEMENT, LEAF VENATION, LEAF MARGINS & LEAF SHAPES.
  5. Hold the whiteboard w/ Item # next to a close-up of the specimen
  6. Use the photos/videos to create a unique scavenger hunt video no more than 5 minutes in length, demonstrating the items listed below
    - A. OK to use first names – no LAST names!
    - B. Top 1 or 2 videos from each class will be uploaded to mrescience.com for all the world to see!
    - C. Preferred movie format is MP4, share w/ me on Google acct, email or old school on a USB drive (it will be returned)

**Scoring:** 5 points per correctly found and properly identified!

Items to Video/Photograph (5 point each)					
#	done	ITEM	#	done	ITEM
1		Opposite Leaf Arrangement	18		Gymnosperm Needles
2		Alternate Leaf Arrangement	19		Stem: leaf scar, lateral bud
3		Whorled Leaf Arrangement	20		Stem: lenticel, terminal bud
4		A sessile leaf	21		Leaf: Blade & Petiole
5		Simple Leaf & Palmate	22		Parallel Venation
6		Simple Leaf & Pinnate	23		Tap Root **
7		Node & Internode	24		Fibrous roots **
8		Pinnately Compound	25		Lateral roots **
9		Arcuate Venation	26		Root cap **
10		Leaf Margin - Entire	27		Dicot Flower: Petal, Stamen, Pistil
11		Leaf Margin – Undulate	28		Monocot Flower: Anther, filament
12		Leaf Margin Serrate	29		Flower: Stigma, Style
13		Leaf Margin - Lobed	30		Gymnosperm Fruit “Naked Seed”
14		Simple & Oblong leaf	31		Dicot Root system
15		A Calyx	32		Seed w/ “wings”
16		Angiosperm Fruit- “Container Seed”	33		A corolla
17		Fern Frond w/ Sori	30		Person drinking entire can soda (video only!)
<b>EXTRA CREDIT (5 points each) ( must have at least 25 items correct above)</b>					
A		An Arachnid under a table	C		A Gastropod
B		An Annelid	D.		An Arthropod

\*\* OK to pull up grass or dandelions to demonstrate roots: be conservative!