



2017 State 4-H Marine Ecology Event Special Topic **SHARKS AND RAYS**

“**Sharks and Rays**” will be the special topic for the 2017 MEE! The special topic is only for Intermediate and Senior 4-Hers. The following Sea World website contains information that will be utilized for **Section 5** (Multiple Choice Test) of the MEE contest: <https://seaworld.org/en/animal-info/animal-infobooks/sharks-and-rays>.

Approximately 4-6 questions will come from this site for Intermediates.

Approximately 5-8 questions will come from this site for Seniors.

Approximately 10-15 questions will come from this site for Advanced Seniors (past winners.)

Here is what each level will be responsible for knowing for the MEE!

Topic	Intermediate	Seniors	Advanced Seniors
Scientific Classification	No	Yes	Yes
Habitat and Distribution	No	Yes	Yes
Physical Characteristics	Yes	Yes	Yes
Senses	Yes	Yes	Yes
Adaptations	Yes	Yes	Yes
Anatomy and physiology	Yes	Yes	Yes
Diet and Eating Habits	Yes	Yes	Yes
Behavior	Yes	Yes	Yes
Reproduction	No	No	Yes
Birth and Care of Young	No	Yes	Yes
Longevity and Causes of Death	No	No	Yes
Conservation and Research	No	No	Yes

Club members can make up their own questions for the different sections and quiz each other! Please send examples of questions to Dr. Karen Blyler at kblyler@ufl.edu. Your questions may be selected for use in Section 5 of the contest!