Skull & dowel tape color	(a) **Average skull length** (in cm). You and your partner measure the length separately, find the average and then record under **column (a)**. *ESTIMATE RANGE* (b) **Estimated body length** (5x the average length of the skull)		Predator or Prey? *(Look at eye sockets and the types of teeth)*	Primary, Secondary, or Tertiary Consumer?	Note 3 other features (adaptations) that you observed: *SAMPLE ANSWERS*	Hypothesis: Based on this information, what species do you think this is, why? (Take your best guess!)	Answer: We'll tell you at the end!
A yellow dowel	**(a)** Low: 14 cm High: 15 cm Average: 14.5	**(b)** 72.5 cm (Range: 70-75 cm)	PREDATOR	SECONDARY TERTIARY	1. forward-facing eyes 2. sharp canines 3. carnassial teeth 4. *slight* sagittal crest 5. complex turbinates 6. long, narrow snout 7. 4-legged		RED FOX
B blue dowel	**(a)** Low: 10.5 cm High: 11.5 cm Average: 11	**(b)** 55 cm (Range: 52.5-57.5 cm)	PREDATOR	PRIMARY SECONDARY (TERTIARY)	1. forward-facing eyes 2. sharp canines 3. grinding molars 4. omnivorous 5. simple turbinates 6. mid-sized snout 7. 4-legged		RACCOON
C red dowel	**(a)** Low: 7 cm High: 8 cm Average: 7.5	**(b)** 37.5 cm (Range: 35-42 cm)	PREDATOR	SECONDARY (TERTIARY)	1. beak and nostrils 2. no teeth 3. no sagittal crest 4. no turbinates 5. 2-legged 6. large eye sockets 7. nocturnal		GREAT HORNED OWL
D green dowel	**(a)** Low: 11 cm High: 12 cm Average: 11.5	**(b)** 57.5 cm (Range: 55-60 cm)	PREDATOR	SECONDARY TERTIARY	1. forward-facing eyes 2. sharp canines 3. carnassial teeth 4. simple turbinates 5. shorter snout 6. 4-legged 7. large eye sockets		BOBCAT

Skull	(c) **Average skull length** (in cm). You and your partner measure the length separately, find the average and then record under **column (a).** (d) **Estimated body length** (5x the average length of the skull)		**Predator or Prey?** *(Look at eye sockets and the type of teeth)*	**Primary, Secondary, or Tertiary Consumer?**	**Note 3 other features (adaptations) that you observed:** *SAMPLE ANSWERS*	**Hypothesis**: Based on this information, what species do you think this is, why? (Take your best guess!)	**Answer:** We'll tell you at the end!
E orange dowel	**(a)** **Low:** 14.5 cm **High:** 15.5 cm **Average:** 15	**(b)** 75 cm (Range: 72.5-77.5 cm)	PREY	PRIMARY	1. side-facing eyes 2. specialized incisors 3. grinding molars 4. simple turbinates 5. short snout 6. 4-legged 7. small eye sockets		AMERICAN BEAVER
F pink dowel	**(a)** **Low:** 25 cm **High:** 26 cm **Average:** 25.5	**(b)** 127.5 cm (Range: 125-130 cm)	PREDATOR	PRIMARY SECONDARY TERTIARY	1. side-facing eyes 2. large canines 3. carnassial teeth 4. complex turbinates 5. long snout 6. 4-legged 7. small eye sockets		BLACK BEAR
G black dowel	**(a)** **Low:** 24 cm **High:** 25 cm **Average:** 24.5	**(b)** 122.5 cm (Range: 120-125 cm)	PREY	PRIMARY	1. side-facing eyes 2. no canines 3. grinding molars 4. turbinates 5. long snout 6. 4-legged 7. small eye sockets		WHITE-TAILED DEER
H black dowel	**(a)** **Low:** 18.5 cm **High:** 19.5 cm **Average:** 19	**(b)** For discussion…	PREDATOR	PRIMARY SECONDARY TERTIARY	1. forward-facing eyes 2. flat incisors 3. grinding molars 4. simple/no turbinates 5. no snout 6. 2-legged 7. large eye sockets		HUMAN