

Studying Apes and Humans

Team Assignment	Experiment/Field Observation	Research Question(s)	Subject
A Mechanical Aptitude	chimpanzees in Fongoli, Senegal	Is ape making tool?	chimps
	peanut placed in clear tube	Can ape get peanut?	chimps
B Imitation	grape in slot machine	Can apes from the same troop learn from another ape? From watching an ape from a rival group?	chimps
	treat in opaque puzzle box, then in see-through box	Will ape and human copy actions to get treat?	chimps/humans
C Cooperation	food hidden under heavy stone	Can apes cooperate with apes, or with humans, to get food?	chimps
	food is placed on tray with rope attached to pull it in	Can apes cooperate to get food?	chimps
	food placed in central box	Will apes cooperate and split food?	bonobos
D Social Emotions	treats dispensed on table; rope can be pulled to end experiment	Will ape choose to end experiment?	chimps
	young ape dies	Will apes help others despite big risk?	bonobos
	candy is placed in two dishes	Which dish will ape choose?	chimps
	candy placed in two dishes	Will children wait to get more candy?	humans
E Math/Symbol Skills	numerals displayed on screen	Could chimp count?	chimps
	symbols are placed in two dishes	Which dish will ape choose?	chimps
	bonobos follow verbal instructions	Can apes communicate?	bonobos
F Communication	treat under a cup	Will child or chimp know where treat is if pointed to?	humans/ bonobos
	child and parent watching puppet show	Will child understand what pointing means?	humans
	ball moved from one bag to another	Will child be able to infer when someone else will or will not know the ball has been moved?	chimps/humans
	experimenter shows he wants to steal food	Will chimp take into account what the researcher knows?	chimps