nme:	Block: _	Date:	
	The Eve	anding Universe	
Mataviala	<u>i ne Exp</u>	<u>anding Universe</u>	
Materials - balloon	traigt tip	folt non/markon	nulon
	- twist-tie	- felt pen/marker	- ruler
- piece of string			
Procedure			
	he balloon until it <b>iu</b> :	st starts to get round (don't	inflate all the wav!!!).
•	_	und the neck of the balloon t	
_		lraw <b>six</b> dots on <b>one side</b> of	_
•	y from each other.		
	•	t <b>"M"</b> (for Milky Way)	
		A, B, C, D and E (these will be	e the other galaxies)
			,
4. Measure t	he distance between	M and each of the other do	ts. Record the results
in the tab	le below under <b>Trial</b>	1.	
L Looson th	a twict tip and inflat	e the balloon a little bit more	o Mooguro the now
5. Loosen ui	e twist-ne and innat	e the bandon a fittle bit more	e. Measure the <b>new</b>
		nd record the results under '	
distances		nd record the results under '	
distances	s between the dots ar	nd record the results under '	
distances  6. Repeat #5	s between the dots ar	nd record the results under '	
distances  6. Repeat #5	s between the dots ar	nd record the results under ' ults under <b>Trial 3</b> . <b>Distance to M</b>	Trial 2.
distances  6. Repeat #5  Galaxy	s between the dots ar	nd record the results under ' ults under <b>Trial 3</b> . <b>Distance to M</b>	Trial 2.
distances 6. Repeat #5 Galaxy A	s between the dots ar	nd record the results under ' ults under <b>Trial 3</b> . <b>Distance to M</b>	Trial 2.
6. Repeat #5 Galaxy  A B	s between the dots ar	nd record the results under ' ults under <b>Trial 3</b> . <b>Distance to M</b>	Trial 2.
6. Repeat #5 Galaxy  A B C	s between the dots ar	nd record the results under ' ults under <b>Trial 3</b> . <b>Distance to M</b>	Trial 2.
6. Repeat #5 Galaxy  A B C D	s between the dots ar	nd record the results under ' ults under <b>Trial 3</b> . <b>Distance to M</b>	Trial 2.
6. Repeat #5 Galaxy  A B C D E	s between the dots are and record the resu	nd record the results under ' ults under <b>Trial 3</b> .  Distance to M  Trial 2	Trial 2.
6. Repeat #5 Galaxy  A B C D E	s between the dots ar	nd record the results under ' ults under <b>Trial 3</b> .  Distance to M  Trial 2	Trial 2.
6. Repeat #5 Galaxy  A B C D E  Questions 1. a) Which trial	s between the dots are and record the resurs and Trial 1	nd record the results under 'alts under Trial 3.  Distance to M Trial 2  ances?	Trial 2.
6. Repeat #5 Galaxy  A B C D E  Questions 1. a) Which trial	s between the dots are and record the resu	nd record the results under 'alts under Trial 3.  Distance to M Trial 2  ances?	Trial 2.
6. Repeat #5 Galaxy  A B C D E  Questions 1. a) Which trial	s between the dots are and record the resurs and Trial 1	nd record the results under 'alts under Trial 3.  Distance to M Trial 2  ances?	Trial 2.
6. Repeat #5 Galaxy  A B C D E  Questions 1. a) Which trial	s between the dots are and record the resurs and Trial 1	nd record the results under 'alts under Trial 3.  Distance to M Trial 2  ances?	Trial 2.
6. Repeat #5 Galaxy  A B C D E  Questions 1. a) Which trial	and record the resurt of and record the resurt of and record the resurt of and the greatest distances increased the most	nd record the results under 'alts under Trial 3.  Distance to M Trial 2  ances?	Trial 2.  Trial 3
6. Repeat #5 Galaxy  A B C D E  Questions 1. a) Which trial 5 b) Which distance	thad the greatest distances increased the mos	ances?  ole's theory that the universe	Trial 2.  Trial 3
6. Repeat #5 Galaxy  A B C D E  Questions 1. a) Which trial 5 b) Which distance	and record the resurt of and record the resurt of and record the resurt of and the greatest distances increased the most	ances?  ole's theory that the universe	Trial 2.  Trial 3
6. Repeat #5 Galaxy  A B C D E  Questions 1. a) Which trial 5 b) Which distance	thad the greatest distances increased the mos	ances?  ole's theory that the universe	Trial 2.  Trial 3
6. Repeat #5 Galaxy  A B C D E  Questions 1. a) Which trial 5 b) Which distance	thad the greatest distances increased the mos	ances?  ole's theory that the universe	Trial 2.  Trial 3