

Name: _____ Date: Friday, March 1, 2013 Circle: Culhane *or* deSouza

SCIENCE FAIR

- Develop a question that can be answered through testing. (See suggestion list.)
- Use your science text book pp 356-365 as a guideline for testing and writing up.
- Present your findings to your peers.

TIMELINE

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
March	4 - choose question	5 - research question - gather materials	6 - parent signature on this sheet	7 - experiment - data collection	8 - experiment - data collection	9 - experiment - data collection
10	11 ←	12 MARCH	13 BREAK	14 →	15	16
17 - experiment - data collection	18 - experiment - data collection	19 - experiment - data collection	20 - experiment - data collection	21 - experiment - data collection	22 - experiment - data collection	23 - experiment - data collection
24 FINISH - experiment - data collection	25 - write up good copy in class	26 - write up good copy in class	27 - write up good copy in class	28 - write up good copy in class	29 Good Friday Go to church!	30
31	April 1 Easter Monday	2 - bring everything in and set up display	3 - Mr. Culhane's class presents to Mrs. deSouza's	4 - Mrs. deSouza's class presents to Mr. Culhane's	5 - reflection paper in class (nothing extra to prepare for this)	6

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Circle: Culhane *or* deSouza

Question: _____

Parent signature: _____ Date: _____

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- Develop a question that can be answered through testing. (See suggestion list.)
- Use your science text book pp 356-365 as a guideline for testing and **pp 364-5** for writing up.
- Present your findings to your peers.

From notes in text book, should include:

1. **Questioning:** cause-and-effect question and hypothesis
2. **Controlling Variables:** (conditions that could affect outcome of investigation) dependent/ind
3. **Predicting and Hypothesizing** (with “because”)
4. **Planning:** procedure
5. **Performing:** follow steps, safety, have equipment, collect data
6. **Observing:** quantitative observations (time, temp, volume, distance – measurable)
qualitative observations (smell, shape, texture – cannot be measured)- words, pics, diagrams
7. **Analyzing:** inferring, classifying
8. **Evaluating:** (questions to ask self to identify errors and areas in need of improvement)
9. **Communicating:** full scientific method example laid out

Checklist of Scientific drawing:

- Use blank paper and a sharp, hard pencil
- Draw as large as necessary to show details clearly
- Draw label lines that are straight and parallel. Use ruler!
- Include labels and a title

SCIENCE FAIR

- Title
- Testable Question
- Hypothesis (prediction and reason)
- Equipment and Materials
- Procedure (step-by-step instructions)
- Data and Observations (charts, measurements, diagrams...)
- Conclusion (“Analysis and Evaluation”) (answer to question)
- Applications and Extensions

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