	Name: 24 Class: $\sqrt{05}$
-	Science Fair Project Plan
	Testable Question: How Joes the temperature of a finil affect VISCOSITY?
J's	What will you measure in numbers from your testable question? Will Measure the time It takes for the
Vi	Variables: +6 POUV OUT
n	Manipulated/Independent Variable (what are you changing) the type of liquid. The temp of the liquid
Ju N	Responding/Dependent Variable (the thing we are watching to see how it changes) how long it take's for the types Of hou to fully go through the funner
John John	Controlled Variables (what in your experiment needs to stay the same for a fair test?) The Size of the HUNDELL The Stop WACH I'm Useing to time it
1	the cop I am domping the liquids in the Same thermometer
	1 The same pot
	Materials Needed to Test: OIL, Water, MILK - thermometer - Pot holder
	tribe Stave - Stapwatch
	FUNNEL - WOODIN SPOON
	CUPX9 - tapeand sealing wear
	Testing Plan (Rough Procedure) 1.0 rab 3 CUPS, For one CUP PUT the Water In a fridge
	For one put boiling water (1000) in the (UP, and for

NOTER Double check the tempertures with

1)-0

exact

thing

101 8,57 TODEL VOOM TEMP 2. 47. 16 28-01-75

1. 99 (22°) > 22.1°C 2.20

1.94 1 00m + RM 1.98

E

-Heat transfer -for Boiling liguid it heated or very quickly - Pot insoluter

With Milk and oil. 3. Once you have temportures of have grab a sme	all	the water	V
every thing) and record With a show long it takes for the liqu	Stopw 1d to	atch tully	
4. Do the same with all of and RECORD YOUR RESI	the	liquids	
Feasibility Check: Circle Yes or No Can you find at least three sources of information on the subject?	Yes/No	what is v	150514
Is your experiment safe to perform (for yourself and others)?	Yes/No	environ m	cosity
Will you be able to get all the materials/equipment you need?	Trapovito	(1)	
Do you have enough time to test your experiment for November 22?	Yes/No		
FOR STUDENT: I have discussed the project idea and the checklist will parents/guardian and I am willing to commit to following through on the			
Student Signature Zakaria E Date Nov 4/3	2024		
FOR PARENT: I have discussed the project idea and checklist with my they can complete it with my support as needed. I understand that while student is expected to do the work themselves and learn from their mission scientific process.	le I can hel	lp, the	
Parent Signature Date Date Date	12024		
Approved by Teacher: Date			