

## STARBASE 2018-2019 School Year Schedule

### DAY 1

Introductions & Expectations  
Team Building  
Snack Break  
Intro to motion and force/ Rocket  
Construction  
Introduction to Newton's 1st Law  
Crash Test Dummies  
Lunch / STEM Career Slideshow  
Eggbert  
End of Day 1

### DAY 2

CAD (Computer Aided Design) pt. 1  
Snack Break  
Newton's 2nd Law/ Straw Rockets  
Lunch  
Nanotechnology  
Newton's 3rd Law  
End of Day 2

### DAY 3

CAD (Computer Aided Design) pt. 2  
Snack  
Creating and Building Molecular Models  
Lunch  
Chromatography  
Rocket Safety and Rocket Launch  
End of Day 3

### DAY 4

Fingerprint Analysis  
Snack Break  
Fly on the Ceiling  
Intro. to Fluid Mechanics/ Bernoulli's  
Principle  
Introduction to Robotics  
Lunch  
Robotics Challenge  
STEM Careers  
End of Day 4

### DAY 5

Intro. to Physical and Chemical Changes  
Snack Break  
Navigation Introduction  
Top Secret Mission  
Lunch  
States of Matter  
Energy Explorations  
STARBASE Slideshow  
Farewell

# Make a call sign button!

## What is a call sign?

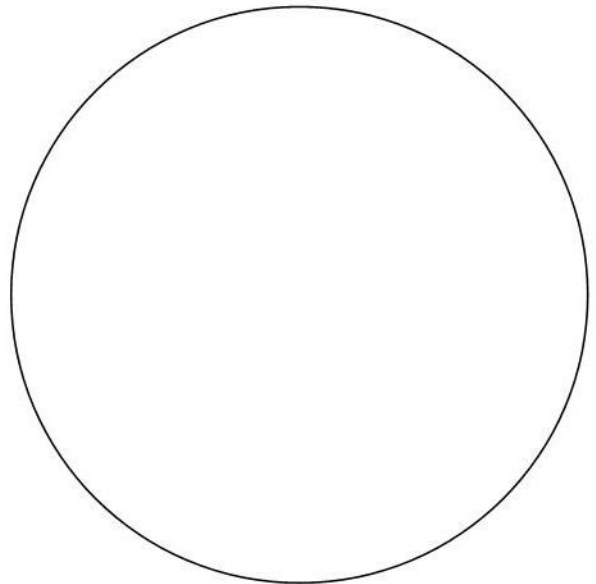
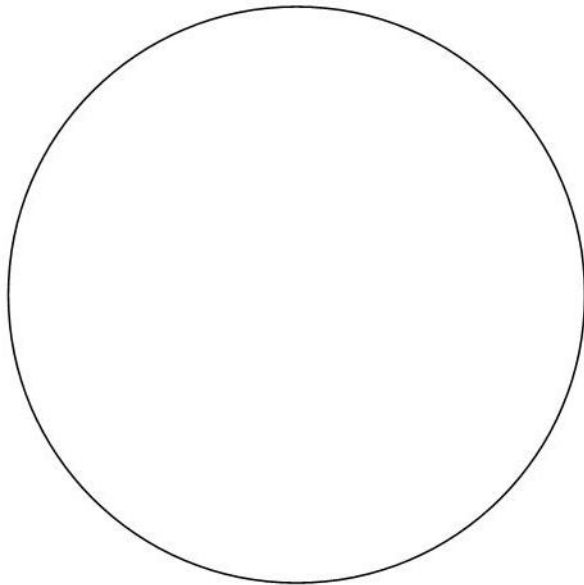
Call signs are sort of like nicknames that usually describe something that you like to do or something about yourself. Military pilots have call signs that they go by instead of their real names. During STARBASE, we will call each other by our call signs rather than our real names, so choose your name carefully! Parents, if you're attending, you'll need one, too!

## Just a couple of things to keep in mind when you choose a call sign:

- No celebrity names. (Please don't call yourself "Kobe" for Kobe Bryant or "Duff" for Hilary Duff.)
- Please keep it positive.
- Write your call sign in **LARGE** letters within one of the circles below. There are a couple of extra circles in case you make a mistake.

Decorate your call sign badge however you like, but keep in mind that only the decorations you put within the circle will appear on the button.

**\*\*Please do not cut out the button. We will do that for you!**



Please make this one.

Please make this one.

**Which button would you like?**

(Check a box above)

**STARBASE VERMONT  
CLASS INFORMATION**

School \_\_\_\_\_ Teacher \_\_\_\_\_

❖ Please list any special seating requirements and team leaders:

Separate:	_____	Leaders:	_____
	_____		_____
	_____		_____
	_____		_____
	_____		_____
	_____		_____

❖ Planned Arrival/Departure time at Starbase \_\_\_\_:\_\_\_\_ to \_\_\_\_:\_\_\_\_

(Our normal schedule runs from 9:00am until 2:00pm each day.)

# CLASS LIST FOR STARBASE VERMONT

Class Dates: _____	Teacher(s) _____	School/District _____
Address _____	City _____	State _____ Zip Code _____
Telephone # _____	FAX # _____	Email Address _____

*\*Please write legibly, alphabetize, and write in names of teachers, aides & volunteers at the end of the list.*

NAME	M/F	CALL SIGN	Grade In School	Other Information
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				

## CLASS LIST FOR STARBASE VERMONT

NAME	M/F	CALL SIGN	Grade In School	Other Information
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				
31.				
32.				
33.				
34.				
35.				
36.				

# STARBASE VERMONT CLASS DEMOGRAPHICS INFORMATION FORM

The information we are requesting is a requirement for our funding.  
All information is kept *confidential* and used for statistical purposes only.

School: \_\_\_\_\_ Teacher: \_\_\_\_\_

Email \_\_\_\_\_

Grade Level: \_\_\_\_\_ Program Dates: \_\_\_\_\_

School Address: \_\_\_\_\_

School District: \_\_\_\_\_

Phone Number: \_\_\_\_\_

*\* Please list the number of students falling into each category in your class*

Gender	
Male	
Female	
Total	

Population	
Low Income	
Students with Disabilities	
English as Second Language	

Ethnic Background	
Hispanic/Latino	
Not Hispanic/Latino	

Racial Background						
American Indian/ Alaska Native	Asian	Black/ African American	Native Hawaiian/ Other Pacific Islander	White	Two or more races	Unknown or not Reported



## Parental/Guardian Consent and Emergency Contact Form for Student

Student Name: \_\_\_\_\_ Grade: \_\_\_\_\_ Age: \_\_\_\_\_ Gender: \_\_\_\_\_  
(please print)

Parent(s)/Guardian(s) Name: (print) \_\_\_\_\_

Address: \_\_\_\_\_, VT \_\_\_\_\_  
Street City Zip

Home Phone: ( ) \_\_\_\_\_ Work Phone: ( ) \_\_\_\_\_

School: \_\_\_\_\_ Teacher's Name: \_\_\_\_\_

Are there any health problems we should be aware of? If so, please list them and any precautions that should be taken (use additional paper if necessary). \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Please provide us below with any specific instructions you would like us to follow in case of illness or accident (use additional paper if necessary). \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

In case of emergency, notify: Name(s) (print) \_\_\_\_\_ Phone #s \_\_\_\_\_

Relation to student: \_\_\_\_\_ Remarks: \_\_\_\_\_

### Statement of Understanding and Hold Harmless Agreement

**1. Statement of Understanding and Waiver of Liability.** STARBASE is designed to be a fun, hands-on learning situation involving activities such as supervised model rocket launches, computer work, and tours of aircraft and other work areas. The program is completely voluntary, and no student will be required to participate by STARBASE staff or school personnel. I agree not to hold STARBASE Vermont, its sponsoring-agencies, and/or its staff or representatives liable in any way for mishaps which could occur due to the nature of the activity in which my child is engaged. In the event of an accident, illness, or injury, and the person(s) listed above cannot be reached; I hereby give STARBASE Vermont personnel permission to take action as deemed necessary in the best interest of my child. I also understand that the STARBASE Vermont staff reserves the right to terminate the participation of any student when it is deemed in the best interest of either the student or STARBASE Vermont. Further, I will take responsibility for any damage caused by my child.

**2. Media/Photo/Video Release.** I grant the right of STARBASE Vermont to use any photographs, videos or interviews taken in conjunction with STARBASE to be used to promote the STARBASE program.

I certify that I have read, understand and agree with the above statements in paragraphs 1 and 2.

Parent/Guardian Name: (please print) \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**If you have any questions please call South Burlington 802-660-5201 or Rutland 802-786-3820.**



Teacher, Parent & Volunteer Consent to Photography, Videos & Media  
(for adults attending the program)

Name: \_\_\_\_\_  
(please print)

Address: \_\_\_\_\_, VT \_\_\_\_\_  
Street City Zip

Phone: ( ) \_\_\_\_\_ E-mail: \_\_\_\_\_

School Observing/Volunteering/Working for: \_\_\_\_\_

Grade: \_\_\_\_\_

Teacher's Name: \_\_\_\_\_

**Statement of Understanding and Consent**

**Media/Photo/Video Release.** I grant the right of STARBASE Vermont to use any photographs, videos, or interviews that I am in to promote the STARBASE program.

**I certify that I have read, understand, and agree with the above statement.**

Teacher/Parent/Volunteer's Name: (please print) \_\_\_\_\_  
\_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**If you have any questions please call South Burlington 802-660-5201 or Rutland 802-786-3820.**



## TEACHER GUIDELINES

We at STARBASE want your experience here to be fun and rewarding. We also want the teachers who accompany the classes to be an active part of our team. With this in mind, we've listed some guidelines that we think will make this partnership more enjoyable and productive.

- 1) Your assistance in the following areas will be of great help to us: classroom management (if applicable), helping students who have special needs, and assisting with rocket launches.
- 2) The teacher or substitute teacher must be present with his or her class at all times throughout the STARBASE program. If for some reason you need to reschedule one of your days, please contact one of the STARBASE staff members as early as possible.
- 3) Please ensure that all of your student applications are accounted for and fully completed. Students whose forms are incomplete or missing will not be able to attend STARBASE!
- 4) Please inform STARBASE instructors of any special needs your students may have prior to the first day.
- 5) We are always seeking to improve our program. One of our best resources for this improvement is YOU. The STARBASE staff welcomes feedback, so please feel free to offer suggestions.
- 6) E-testing will be conducted on the first and last day at STARBASE. As a federally funded organization, this is how we ensure STARBASE's future. We will provide a printout of student responses and scores for the classroom teacher.

If you have any questions regarding these guidelines, please give us a call at (802)786-3820 or an email to: [Rebecca@starbasevt.org](mailto:Rebecca@starbasevt.org).

## STARBASE CODE OF CONDUCT

While at STARBASE if a student exhibits inappropriate, disruptive or unsafe behavior the following STARBASE Code of Conduct guidelines will be initiated:

- 1<sup>st</sup> Infraction: An adult will give a verbal warning.
- 2<sup>nd</sup> Infraction: The student will be removed from the activity and a private discussion with an adult will occur before the student returns to the class. The student will also be shown the Code of Conduct guidelines.
- 3<sup>rd</sup> Infraction: The student will be given a supervised time-out where he/she will come up with a written agreement with the STARBASE Team that will help him/her to be a more productive part of the class.
- 4<sup>th</sup> Infraction: The student's parent/caregiver will be called to take him/her home or the teacher will arrange for transportation back to the school.
- The student may be invited back the next day. However, if the same pattern continues to occur, the student will be asked to leave and will not be invited back.

\*\*\*\*\* STARBASE maintains the right to immediately remove a student from an activity and not invite him/her back for any negative action that the STARBASE staff deems severe. \*\*\*\*\*