



Class Application for 2018-2019 School Year
(RUTLAND Site)

APPLICATIONS MUST BE RECEIVED BY MAY 1, 2018 in order to process and make determinations for the upcoming school year. Selection notifications will be made by the end of May.

Please remember to submit a separate application for each class/teacher that is applying.

General Considerations: The program is best suited for grade 5. Schools that best match our mission requirements are selected first. Teachers who extend the program through their efforts at school are given higher consideration. If you want additional resources or have questions please speak with our teaching team.

Please mail or fax applications to:

Starbase Rutland, 2143 Post Road, Rutland, VT 05701

FAX:

802-786-3822

- School: District:
Mailing Address:
Phone: Fax: Email:
Teacher:
Grade level(s): Class Size (Number of students):
When (month and year) would you like to participate? (first, second, and third choices)
1. 2. 3.
Flexibility - would you take any open time slot during the school year?
Has your school participated in Starbase before? If yes, when?
Have you (teacher) previously participated in a Starbase program? If yes, when?
Our school will work with dates given during state testing windows. Yes No
When are the testing dates for your school?

Logistical Requirements for Schools:

- Student school year programs generally lasts for 5 class day sessions over the course of several (normally 5) weeks. Each class session begins at 9:00 and ends at 2:00 for a total of 25 hours.
Depending on the number of schools accepted, alternate schedules may be necessary, including, but not limited to, abbreviated schedules and/or combining smaller classes.
SCHOOLS ARE RESPONSIBLE FOR ARRANGING TRANSPORTATION TO AND FROM THE STARBASE LOCATION. Typically, programs require 5 round trips to STARBASE at the AFRC located on Post Road just north of Rutland.

Approval of School Principal or Assistant Principal:

Name: Signature: Date:



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.

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:

- 1st Infraction: An adult will give a verbal warning.
- 2nd 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.
- 3rd 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.
- 4th 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. *****



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.

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 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.)

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: _____ School NCESSCH# _____

Phone Number: _____ FAX Number: _____

School Website: _____

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

Gender	
Male	
Female	
Total Students	

Special Education and Other	
ESL/ELL	
Title 1 Eligible	
504/IEP/Exceptionality	

Ethnic Background	
Hispanic/Latino	
Not Hispanic/Latino	

Racial Background					
American Indian/ Alaskan Native	Asian	Black/ African American	Native Hawaiian/ Other Pacific Islander	White	More Than One Race

STARBASE ON-SITE 2016-17 SCHOOL YEAR SCHEDULE (OVERVIEW)



DAY 1

9:00 Introductions, Rules, & Expectations
 E-testing (pre-test)
 Snack Break
 Intro to Rocketry/Rocket Construction
 Lunch / STEM Careers slideshow
 Introduction to Newton's 1st Law
 Crash Test Dummies
 Eggbert
 2:00 End of Day 1

DAY 2

9:00 CAD (Computer Aided Design) pt. 1
 Snack Break
 Newton's 2nd Law
 Lunch
 Nanotechnology and Math Mysteries
 Newton's 3rd Law
 2:00 End of Day 2

DAY 3

9:00 CAD (Computer Aided Design) pt. 2
 Snack
 Intro to Chemistry - Molecular Models
 Ocean of Air - Fluid Investigations
 Rocket Safety and Rocket Launch
 2:00 End of Day 3

DAY 4

9:00 Chromatography
 Snack Break
 Circuit Board
 Bernoulli's Principle
 Introduction to Robotics
 Lunch
 Robotics Challenge
 STEM Careers
 2:00 End of Day 4

DAY 5

9:00 Intro to Physical and Chemical Changes
 Snack Break / Test Review
 Navigation Introduction
 Introduction to GPS
 Geocaching
 Lunch / Test Review
 Top Secret Mission
 E-testing (post-test) & Teacher Survey
 Starbase Review
 2:00 Farewell

Make a call sign button!

What is a call sign?

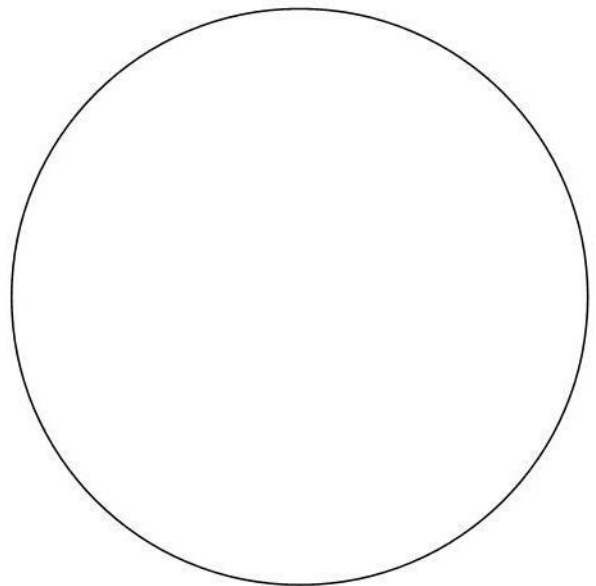
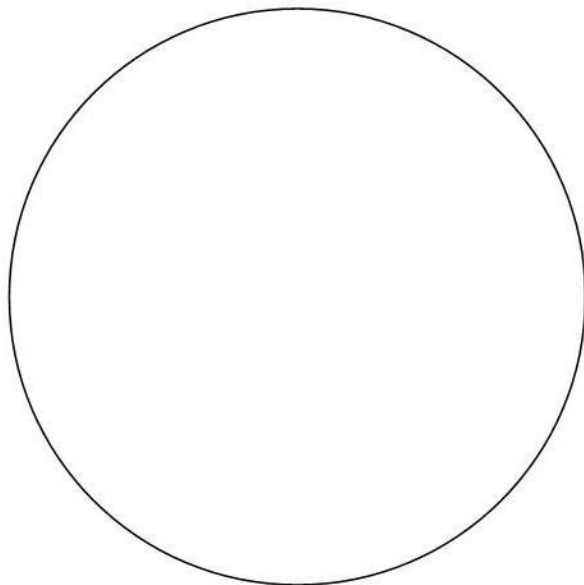
Call signs are sort of like nicknames that usually describe something that you like to do or something about yourself. Military pilots have call signs that they go by instead of their real names. During STARBASE, we will call each other by our call signs rather than our real names, so choose your name 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)