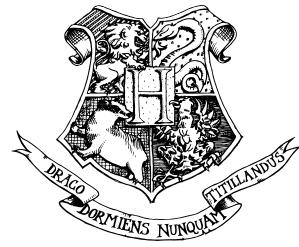


On the Subject of Hogwarts

HSD requires all Bomb Diffusal 101 students read this manual...

Welcome to Bomb Diffusal 101. Below is all of the information you need to identify the person at Hogwarts responsible for this module.



In order to solve this module, you'll need to identify the highlighted person's house. The person on the display may not be a current student or professor.

Identifying a house

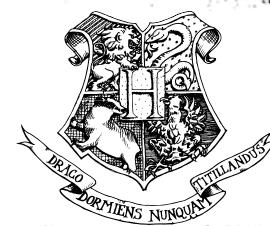
- Houses use the same logo as they do at the school.
- A person's house is never changed.
- Only select a house once all other switches have been identified.
- Use the table on the 3rd page to identify the correct switch positions.

Gryffindor	Hufflepuff	Ravenclaw	Slytherin

Color-coded Quidditch Positions

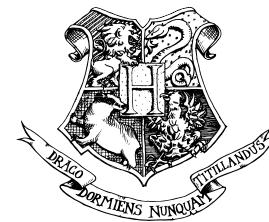
Use this guide to help identify the Quidditch positions of each character in the table on the next page.

RED => Beater	GREEN => Keeper	BLUE => Chaser	ORANGE => Seeker	GOLD => Captain
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Who's Where

Gryffindor	Hufflepuff	Ravenclaw	Slytherin
Katie Bell			
Sirius Black			
Lavender Brown			
Colin Creevey			
Albus Dumbledore			
Seamus Finnigan		Terry Boot	
Hermione Granger		Cho Chang	
Rubeus Hagrid	Hannah Abbott	Penelope Clearwater	
Angelina Johnson	Susan Bones	Michael Corner	
Neville Longbottom	Cedric Diggory	Filius Flitwick	
Minerva McGonagall	Justin Finch-Fletchley	Anthony Goldstein	
Parvati Patil	Ernie Macmillan	Gilderoy Lockhart	
Harry Potter	Newt Scamander	Luna Lovegood	
Lily Potter	Zacharias Smith	Moaning Myrtle	
James Potter	Pomona Sprout	Padma Patil	
Alicia Spinnet	Nymphadora Tonks	Quirinus Quirrell	
Dean Thomas			
Oliver Wood			
Ron Weasley			
Ginny Weasley			
Fred Weasley			
George Weasley			
Percy Weasley			



Switch Identification

Use this guide and the following table to correctly identify switch positions.

A switch is considered "on" if it is in the "up" position.

- B => # of batteries
- S => Sum of all numbers in Serial Number
- I => Number of lit indicators (minimum 1)

Red Switch

The red switch relies on the following calculation:

$$(B + (2 * S)) * (I^2) + 60 \geq 170$$

If the above asserts true, leave the switch in the on (up) position.

Yellow Switch

Turn the yellow switch off if the person in question is (or was) a professor

Blue Switch

Use the following table, and this guide (opposite values stack):

- If the serial number is even (last digit), use the opposite value
- If the person has a name containing at least 2 letters from the serial number, use the opposite value
- If the person is/was a team captain, the switch is **always on**

	Seeker	Chaser	Keeper	Beater	NOTHING
Gryffindor	On	Off	On	On	Off
Hufflepuff	On	Off	Off	Off	On
Ravenclaw	Off	On	On	On	On
Slytherin	On	Off	On	Off	Off



