

Could People Learn 'Perfect Pitch'?

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Perfect Pitch refers to the ability to recognize and define the pitch of a tone without the use of a reference tone.

(1). Heredity theory. The faculty for developing perfect pitch is inherited, just as the ability for color identification is. The child learns pitch names in early life just as color names are learned.

(2). Learning theory. The opposite point of view, that perfect pitch can be acquired by almost anyone by diligent and constant practice, is not too widely held.

(3). Unlearning theory. The ability to develop perfect pitch is nearly universal, but is simply trained out of most people at an early age.

(4). Imprinting theory. Imprinting is a term used to describe rapid irreversible learning that takes place at a specific developmental stage. Proponents of this theory feel that nearly all children could be taught perfect pitch at the appropriate age of development.

Center for Computer Research

Notes Training

Training my subjects and making sure they have memorized the four notes, C4, D4, E4, F4.

Add more notes

Start

Test 7
Distinguish the four pure tones in the order of C4#, F4, E4, and D4.

Pass

Fail

Test 1
Distinguish the four pure tones in the order of E4, C4, F4, and D4.

Fail

Pass

Test 6
Distinguish the four pure tones in the order of C4, D4#, E4, and F4.

Fail

Fail

Test 2
Distinguish the four guitar sounds in the order of C4, F4, D4, and E4.

Pass

Pass

Test 5
Distinguish the four pure tones in the order of E4, C4, F4, and D4#.

Fail

Fail

Test 3
Distinguish the four flute sounds in the order of F4, C4, E4, and D4.

Fail

Test 4
Distinguish the four piano sounds in the order of D4, F4, C4, and E4.

Pass

Pass

Sorry! You cannot learn perfect pitch by your short-term memory.