

The Science and Art of Song

Learning objective: To understand the physical components of singing and how our bodies create musical sound.

Follow the drawing prompt below to illustrate how a singer prepares their voice. Use the word bank to label your diagram accurately.

Draw: Draw a character (you may choose Pip the caterpillar or a child of your choice) standing tall and ready to sing. Include a 'ghost' outline of the internal body parts mentioned in the word bank to show the airflow. Use a bright colour for the path the air takes from the lungs up to the mouth. Your style should be clear and anatomical, like a diagram you would find in a science textbook.



Label words: Diaphragm · Lungs · Vocal Cords · Posture · Pitch · Resonance

Steps:

1. Why is it important for a singer to maintain good posture while performing? Explain in your own words.
2. Label your drawing to show where the air travels from the lungs to the mouth.
3. If Max the monkey wants to sing a very high note, what does he need to change about his breath support?
4. Define 'Pitch' in the context of singing.
5. How does the diaphragm help a singer hold a long note?