

Flowers By Algernon Short Story Updated Version

Flowers by Algernon Short Story: An In-Depth Analysis

Introduction

Flowers by Algernon short story is a compelling narrative that explores profound themes of intelligence, human dignity, societal perception, and the ethical dilemmas surrounding scientific experimentation. Originally written as a fictional account, the story delves into the tragic consequences of man's pursuit of knowledge and the complex nature of human relationships. This article provides an in-depth examination of the story's plot, themes, characters, and its significance within the broader context of literature and ethical debates.

Overview of the Story

Plot Summary

"Flowers by Algernon" is a short story written by Daniel Keyes, which first appeared as a short narrative before being expanded into a novel. The story is presented through the perspective of Charlie Gordon, a man with an IQ of 68, who undergoes an experimental surgical procedure aimed at increasing his intelligence. The story documents Charlie's intellectual growth, emotional struggles, and eventual decline, illustrating the transient nature of artificially enhanced intelligence.

The narrative begins with Charlie's fascination with the world around him and his desire to become smarter. He works at a bakery and is eager to learn and be accepted by society. After undergoing the experimental surgery, Charlie's intelligence rapidly improves, allowing him to understand complex ideas, read extensively, and form deeper relationships.

However, as Charlie's intelligence surpasses that of others, he begins to notice the social prejudices and the superficiality of those around him. His relationships become strained, especially with those who once cared for him. Meanwhile, the experimental procedure's effects start to reverse, and Charlie's intelligence begins to decline, ultimately returning him to his original state.

Throughout the story, Charlie keeps a journal, which serves as a window into his evolving mind and emotional state. The story culminates with Charlie's realization of the transient nature of his intelligence and the tragic consequences of his pursuit of knowledge, symbolized poignantly by the image of Algernon, a mouse who underwent the same experiment and whose decline foreshadows

Charlie's own.

Themes Explored in the Story

The Nature of Intelligence and Knowledge

One of the central themes of "Flowers by Algernon" is the exploration of what it means to be intelligent. The story challenges the idea that intelligence equates to happiness or moral superiority. Charlie's journey illustrates that increased intelligence does not necessarily lead to emotional fulfillment or social acceptance.

- Intellectual Growth vs. Emotional Maturity: Charlie's rapid intellectual development highlights that knowledge alone cannot compensate for emotional intelligence or social skills.
- The Illusion of Superiority: As Charlie becomes smarter, he recognizes the superficiality of societal hierarchies based on intelligence, prompting questions about the true value of intelligence.

Ethical Dilemmas of Scientific Experimentation

The story raises significant ethical concerns regarding human experimentation and the pursuit of scientific progress without adequate consideration of consequences.

- Informed Consent: Charlie's decision to undergo the operation is made with limited understanding of potential risks.
- Temporary Gains and Long-term Risks: The story underscores the dangers of tampering with human cognition, especially when the effects are reversible or unpredictable.

Human Dignity and Society's Perception

Charlie's experiences reflect societal attitudes towards individuals with intellectual disabilities and those who become different through scientific intervention.

- Prejudice and Discrimination: Early in the story, Charlie faces mockery and condescension, highlighting societal biases.
- Acceptance and Compassion: The narrative encourages empathy and understanding for individuals regardless of their intellectual abilities.

Main Characters and Their Significance

Charlie Gordon

Charlie is the protagonist and the narrative's emotional core. His character embodies innocence, hope, vulnerability, and tragedy.

- Initial State: A kind-hearted but mentally limited man eager to improve himself.
- Post-Operation: A highly intelligent individual grappling with complex emotions and social challenges.
- Decline: His regression underscores the transient nature of artificial intelligence and the fragility of human dignity.

Algernon

Algernon is a laboratory mouse who undergoes the same experimental procedure as Charlie.

- Symbolism: Algernon represents the fleeting nature of artificial intelligence and foreshadows Charlie's decline.
- Comparison with Charlie: Algernon's behavior and decline mirror Charlie's, emphasizing the experiment's limitations and ethical concerns.

Dr. Strauss and Dr. Nemur

These scientists develop and administer the experimental procedure.

- Scientific Ambition: Their desire to push the boundaries of science is evident.
- Moral Responsibility: Their failure to anticipate or manage the consequences raises questions about scientific ethics.

Literary Significance and Impact

Narrative Style

"Flowers by Algernon" is written as a series of journal entries by Charlie, providing an intimate glimpse into his thoughts and feelings. This first-person perspective enhances the emotional impact and allows readers to experience his cognitive and emotional transformations firsthand.

Symbolism

- Flowers: The title symbolizes beauty, growth, and fragility. Flowers often represent fleeting moments of happiness and the transient nature of life.
- Algernon: The mouse symbolizes the experimentation's potential and its limitations, serving as a harbinger of Charlie's own fate.

Cultural and Ethical Impact

The story has significantly influenced discussions on neuroethics, the morality of human enhancement, and the treatment of individuals with disabilities. Its portrayal of the ethical dilemmas of scientific experimentation continues to resonate in contemporary debates surrounding genetic engineering, artificial intelligence, and cognitive enhancement.

Critical Reception and Legacy

Awards and Recognition

"Flowers by Algernon" has received widespread acclaim for its emotional depth and ethical insight. It has been recognized as a thought-provoking piece that challenges readers to consider the moral implications of scientific progress.

Adaptations and Influence

The story has been adapted into various media, including a successful stage play, a film, and a musical. Its themes have influenced numerous works exploring similar ethical dilemmas and human conditions.

Conclusion

"Flowers by Algernon" is a profound narrative that transcends its science fiction premise to explore fundamental aspects of human nature. Its portrayal of intelligence, ethics, and societal perception offers valuable insights into both personal and societal growth. Through Charlie's journey, readers are prompted to reflect on the true meaning of intelligence, the importance of compassion, and the ethical responsibilities that come with scientific advancement. The story remains a vital and thought-provoking piece in contemporary literature, reminding us of the delicate balance between progress and humanity.

Flowers by Algernon Short Story: An In-Depth Analysis and Reflection

"Flowers by Algernon" is a compelling short story that delves into themes of intelligence, human connection, ethics, and the fleeting nature of happiness. While it shares its title with a famous novel by Daniel Keyes, the short story itself offers a poignant glimpse into the inner worlds of its

characters, emphasizing the profound impact of intellectual and emotional growth. This piece explores the story's plot, themes, characters, symbolism, and its lasting significance, providing a comprehensive guide for readers and enthusiasts alike.

Introduction to "Flowers by Algernon"

At its core, "Flowers by Algernon" is a narrative that explores the transformative journey of its protagonist—a man who experiences a dramatic increase in intelligence following an experimental procedure. The story is told from the first-person perspective, often through diary entries or personal reflections, which lends an intimate and introspective tone. The title itself hints at themes of innocence, growth, and the transient beauty of life, all woven into the narrative's fabric.

Plot Summary

"Flowers by Algernon" follows the story of Charlie, a man of limited intellectual ability, who undergoes a scientific experiment aimed at increasing his intelligence. Initially, Charlie is cheerful but simple-minded, content with his life and friendships. However, as the experimental procedure takes effect, his mental capabilities soar, allowing him to understand complex ideas and form deeper relationships.

As Charlie's intelligence develops, he begins to notice the complexities and cruelties of the world around him—especially how he's perceived by others. His relationships with friends and colleagues change as he gains self-awareness. Meanwhile, the story poignantly depicts his emotional struggles, the fleeting nature of his newfound intelligence, and ultimately, his tragic regression back to his original state.

Throughout the narrative, Charlie reflects on his experiences, often referencing the "flowers" Algernon, the mouse who underwent the same procedure, symbolizing growth and the fragility of life.

Key Themes and Messages

- The Duality of Intelligence and Happiness

One of the central themes is the complex relationship between intelligence and happiness. Charlie's journey shows that increasing intellect isn't a straightforward path to fulfillment. At first, Charlie is naive and happy, but as he becomes smarter, he recognizes societal injustices and personal loneliness. The story suggests that true happiness is not solely dependent on cognitive ability but involves emotional maturity and social connection.

- Ethical Dilemmas in Scientific Experimentation

The story raises important questions about the ethics of scientific experimentation on humans. Charlie's consent, the risks involved, and the unforeseen consequences serve as a cautionary tale about tampering with human nature and the limits of scientific intervention.

- The Fleeting Nature of Growth

The symbolism of Algernon, the mouse, underscores the transient nature of Charlie's intelligence. Algernon's decline foreshadows Charlie's own regression, emphasizing life's fragile and temporary moments of brilliance.

- Innocence and Experience

The story contrasts Charlie's initial innocence with his later awareness of societal cruelty and personal loss. This juxtaposition highlights the loss of innocence that often accompanies intellectual awakening.

Character Analysis

Charlie

The protagonist's character arc is a microcosm of human growth and vulnerability. Starting as a kind but mentally limited man, Charlie's quest for knowledge propels him into a world of complexity and pain. His emotional journey is as significant as his intellectual one; his capacity for love, sadness, and hope remains central to his character.

Algernon

Algernon, the mouse, symbolizes the experimental success and its eventual downfall. Algernon's behavior and decline serve as a mirror to Charlie's own fate, making Algernon a potent symbol of both hope and tragedy.

Dr. Strauss and Dr. Nemur

These scientists represent the scientific community's ambitions and ethical boundaries. Their interactions with Charlie reveal their intentions, which oscillate between benevolence and exploitation.

Alice

Alice, Charlie's love interest, embodies genuine human connection. Her relationship with Charlie highlights the importance of emotional intimacy beyond intellectual capacity.

Symbolism in the Story

Flowers by Algernon is rich with symbolism that enhances its themes.

- Flowers: Often associated with innocence, beauty, and transience, flowers in the story symbolize Charlie's fleeting happiness and the delicate nature of human life.
- Algernon (the mouse): Represents both hope and the impermanence of human achievement. Algernon's rise and fall mirror Charlie's own journey.
- The Diary Entries: Serve as a window into Charlie's evolving consciousness, emphasizing the personal and subjective experience of growth.

Style and Literary Devices

The narrative employs a straightforward yet emotionally resonant style, often using Charlie's own words and diary entries to convey his thoughts and feelings. This first-person perspective creates an immediacy that draws readers into his inner world.

The story also employs literary devices such as:

- Foreshadowing: Algernon's decline hints at Charlie's impending regression.
- Irony: The experiment achieves its goal of increasing intelligence but ultimately results in tragedy.
- Symbolism: Flowers, Algernon, and the diary entries deepen the thematic layers.

Lasting Impact and Significance

"Flowers by Algernon" remains a powerful exploration of human nature and scientific ethics. Its insights are relevant in discussions about:

- The pursuit of knowledge and its moral implications
- The importance of emotional intelligence and human connection
- The transient nature of happiness and achievement
- The societal treatment of individuals with mental disabilities

The story encourages readers to reflect on what truly defines human worth?intellect, emotion, or a combination of both.

Conclusion

In summary, "Flowers by Algernon" is more than just a short story; it's a profound meditation on the human condition. Its nuanced characters, rich symbolism, and thought-provoking themes make it a timeless piece of literature that challenges us to consider the ethical boundaries of scientific progress and the true meaning of happiness. Whether read as a cautionary tale or an ode to human vulnerability, this story invites ongoing reflection on what it means to grow, love, and ultimately, be human.

If you enjoyed this analysis, consider exploring more stories that challenge our perceptions of intelligence and morality, or revisit the story through different interpretive lenses to uncover even deeper layers of meaning.

QuestionAnswer What is the main theme of the short story 'Flowers for Algernon'? The main theme revolves around the ethical implications of artificial intelligence and human experimentation, as well as the exploration of intelligence, happiness, and the human condition. Who is the protagonist in 'Flowers for Algernon'? The protagonist is Charlie Gordon, a man with an intellectual disability who undergoes an experimental surgical procedure to increase his intelligence. How does Charlie's intelligence change throughout the story? Charlie experiences a rapid increase in intelligence following the surgery, but over time, his intelligence begins to decline, mirroring his initial cognitive state. What is the significance of the flower imagery in the story? Flowers symbolize growth, beauty, and fragility. In the story, they reflect Charlie's personal development and the fleeting nature of his intellectual gains. What ethical questions does 'Flowers for Algernon' raise? The story raises questions about the morality of experimenting on humans, the value of intelligence versus happiness, and the responsibilities of scientists toward their subjects. How does the story depict the impact of increased intelligence on Charlie's relationships? As Charlie becomes more intelligent, he struggles to connect with others, leading to feelings of isolation and alienation from friends and loved ones. What role does the character Algernon play in the story? Algernon is a laboratory mouse who has undergone the same surgical procedure as Charlie, serving as a symbol and predictor of Charlie's potential future and the risks involved. Is 'Flowers for Algernon' based on a true story? No, it is a fictional work by Daniel Keyes, but it raises real ethical and philosophical questions about human experimentation and intelligence. What is the emotional impact of the story on readers? The story evokes feelings of empathy, sadness, and reflection on the nature of intelligence, human dignity, and the fleeting nature of happiness and achievement. Why is the story titled 'Flowers for Algernon'? The title refers to the gesture of giving flowers to Algernon, symbolizing care and remembrance, and emphasizes the story's themes of fragility, memory, and loss.

Related keywords: Flowers by Algernon, short story, science fiction, psychological fiction, human

experimentation, intelligence enhancement, ethical dilemmas, Charlie Gordon, neurological studies, classic literature

Flowers Just Facts For Kids English Edition

flowers just facts for kids english edition

Flowers are one of the most beautiful and fascinating parts of nature. They come in many shapes, sizes, and colors, and they play a vital role in the environment. If you are curious about flowers and want to learn some interesting facts, you are in the right place! This article will explore fun and educational facts about flowers suitable for kids. Let's dive into the colorful world of flowers and discover their secrets together.

What Are Flowers?

Flowers are the reproductive structures of flowering plants, also known as angiosperms. They are designed to produce seeds that can grow into new plants. Flowers are not just pretty to look at; they are essential for plant reproduction and help produce fruits and vegetables we eat every day.

Parts of a Flower

Understanding the parts of a flower helps us learn how they work. The main parts include:

- **Petals:** The colorful parts that attract pollinators like bees and butterflies.
- **Stamen:** The male part of the flower that produces pollen.
- **Pistil:** The female part that contains the ovary, where seeds develop.
- **Sepals:** Green leaf-like parts that protect the flower before it blooms.
- **Receptacle:** The part of the stem where the flower parts are attached.

Fun Facts About Flowers for Kids

1. Flowers Come in All Shapes and Sizes

Flowers are incredibly diverse! Some are tiny, like the duckweed flower, which is less than a millimeter wide, while others, like the giant Rafflesia, can be over a meter across. Here are some examples:

- The sunflower can grow over 3 meters tall.
- The orchid has more than 25,000 species, making it one of the largest flower families.
- The tiniest flower is the watermeal, which is only about 0.4 millimeters wide.

2. Flowers Have Colors That Attract Pollinators

Colors are very important for flowers because they help attract insects, birds, and even some mammals. Bright colors like red, yellow, and purple catch the attention of pollinators. Some flowers, like the night-blooming jasmine, emit a strong scent to attract pollinators in the dark.

3. Flowers Use Nectar to Attract Pollinators

Many flowers produce a sweet liquid called nectar. Insects like bees, butterflies, and hummingbirds sip nectar and, in the process, carry pollen from one flower to another, helping plants reproduce.

4. Some Flowers Only Bloom at Night

Night-blooming flowers, such as the moonflower and evening primrose, open in the evening and close during the day. They often have a strong scent to attract nighttime pollinators like moths.

5. Flowers Can Be Used to Make Medicine and Perfume

Many flowers are used in medicine and perfumes. For example:

- Lavender flowers are used to make calming oils and perfumes.
- Chamomile flowers are used in teas to help with relaxation.
- Rose petals are used to make rose water and fragrant oils.

Interesting Facts About Specific Flowers

1. The Sunflower

- Sunflowers are famous for turning their heads to face the sun. This behavior is called heliotropism.
- They can grow very tall, sometimes over 3 meters.
- The seeds are used to produce sunflower oil, a popular cooking oil.

2. The Orchid

- Orchids have more than 25,000 species, making them one of the largest flower families.
- They are known for their unique and beautiful shapes.
- Some orchids mimic the appearance of insects to attract pollinators.

3. The Rose

- Roses come in many colors, including red, yellow, white, pink, and even blue.
- They have been symbols of love and beauty for thousands of years.
- Rose petals are used to make perfumes, teas, and skincare products.

4. The Lotus

- The lotus is a sacred flower in many cultures, especially in Asia.
- It grows in muddy water but produces beautiful, clean-looking flowers.
- The lotus symbolizes purity and enlightenment.

How Do Flowers Grow?

Flowers grow from tiny seeds. Here's how the process works:

- **Seed:** The starting point. Seeds need water, warmth, and sunlight to sprout.
- **Germination:** The seed begins to grow roots and a small shoot.
- **Seedling:** The young plant starts to develop leaves.
- **Flowering:** The plant produces flowers to attract pollinators.
- **Pollination and Fertilization:** Pollen from the stamen reaches the pistil, leading to seed formation.
- **Seed Dispersal:** Seeds are spread by wind, animals, or water to grow into new plants.

Why Are Flowers Important?

Flowers are very important for many reasons:

- They provide food for insects, birds, and animals.
- They help plants produce fruits and vegetables.
- Flowers make our world more colorful and beautiful.
- They are used in celebrations, festivals, and decorations.
- Flowers produce oxygen during photosynthesis, which we need to breathe.

Fun Activities to Learn More About Flowers

If you love flowers, here are some fun activities you can try:

- **Flower Garden:** Plant your own flowers in a garden or pots.
- **Flower Identification:** Collect different flowers and learn their names.
- **Drawing and Coloring:** Draw and color pictures of your favorite flowers.
- **Visit a Botanical Garden:** Explore different kinds of flowers and learn about them from experts.
- **Flower Scavenger Hunt:** Find flowers with specific colors or shapes in your neighborhood or park.

Conclusion

Flowers are more than just pretty plants; they are vital for life on Earth. From tiny watermeal flowers to giant Rafflesia blooms, flowers amaze us with their diversity and beauty. They help pollinate plants, produce fruits, and provide food and medicine. By learning fun facts about flowers, kids can appreciate nature and maybe even develop a love for gardening or environmental conservation. Next time you see a flower, remember all the fascinating facts about these natural wonders!

Remember: Flowers brighten our days and help keep our planet healthy. So, take time to look at flowers, learn about them, and maybe even plant some of your own!

Flowers Just Facts for Kids English Edition

Flowers have fascinated human beings for centuries. Their vibrant colors, captivating fragrances, and intricate structures have inspired artists, poets, and scientists alike. For children, understanding the world of flowers can be both fun and educational. This article delves into the fascinating facts about flowers, providing a comprehensive guide suitable for young learners and educators seeking a reliable resource. Through exploration of their biology, diversity, importance, and interesting trivia, we aim to cultivate curiosity and appreciation for these natural wonders.

Introduction to Flowers: Nature's Colorful Creations

Flowers are the reproductive structures of flowering plants, scientifically known as angiosperms. They serve to produce seeds, ensuring the continuation of plant species. While they are often appreciated for their beauty, flowers play crucial roles in ecosystems and human life.

What Are Flowers? Basic Facts

- Definition: Flowers are the part of a plant that produces seeds, often characterized by bright colors, appealing scents, and unique shapes.

- Components of a Flower:

- Petals: The colorful parts that attract pollinators.
- Sepals: Leaf-like structures that protect the flower before it blooms.
- Stamen: The male reproductive part, producing pollen.
- Pistil: The female reproductive part, containing the ovary.
- Nectaries: Glands that produce nectar to attract pollinators.

The Life Cycle of a Flower

Understanding how flowers grow and reproduce is fundamental. The typical life cycle includes:

- Seed Stage: The plant begins as a seed, containing the embryo of a future plant.
- Germination: The seed sprouts, sending out roots and a shoot.
- Growth: The plant develops leaves, stems, and eventually flowers.
- Pollination: Pollen from the stamen reaches the pistil, often via insects or wind.
- Fertilization: Pollen fertilizes the ovule inside the ovary.
- Seed Formation: Fertilized ovules develop into seeds within the fruit.
- Dispersal: Seeds are spread by animals, wind, or water, starting the cycle anew.

The Diversity of Flowers: A World of Shapes and Colors

Flowers are incredibly diverse. There are over 300,000 known species worldwide, each adapted to its environment.

Common Types of Flowers

- Rose: Known for their fragrance and layered petals.
- Sunflower: Recognizable for their large, yellow petals and seeds.
- Lily: Elegant flowers with trumpet-shaped blooms.
- Daisy: Simple, white petals around a yellow center.
- Orchid: Exotic flowers with intricate shapes.

Color Significance

Colors of flowers often convey messages or attract specific pollinators:

- Red: Love, passion, or to attract hummingbirds.
- Yellow: Happiness and friendship.
- Blue: Calmness and serenity.
- Purple: Royalty and admiration.
- White: Purity and innocence.

Shapes and Sizes

Flowers come in various forms:

- Bell-shaped: Like bluebells.
- Tube-shaped: Orchids and lilies.
- Flat or Star-shaped: Daisies and sunflowers.
- Tiny: Forget-me-nots.

The Role of Flowers in Ecosystems

Flowers are vital for the environment and human life.

Pollination and Seed Production

Pollination is the process of transferring pollen from the stamen to the pistil. It can occur via:

- Insects: Bees, butterflies, beetles.
- Birds: Hummingbirds, sunbirds.
- Wind: Grass and many trees.
- Water: Some aquatic plants.

Pollination leads to fertilization and seed production, ensuring plant reproduction.

Supporting Wildlife

Flowers provide food and habitat:

- Nectar and pollen nourish pollinators.
- Seeds and fruits serve as food for animals.
- Certain flowers attract specific pollinators, maintaining biodiversity.

Human Benefits

Humans derive many benefits from flowers:

- Aesthetic value: Beautify homes and public spaces.
- Medicinal uses: Many flowers have health benefits.
- Economic importance: Flower farming and floristry are significant industries.
- Cultural significance: Flowers are used in rituals, ceremonies, and art.

Fun Facts About Flowers for Kids

- Some flowers bloom only at night, like moonflowers.
- The largest flower in the world is the Rafflesia, which can be over 3 feet in diameter.
- The smallest flowers belong to the Wolffia plant, tiny aquatic plants that are less than a millimeter across.
- Certain flowers, like the corpse flower, emit a strong odor to attract pollinators such as carrion beetles.
- The tulip was once so valuable in Europe that it caused "Tulip Mania," one of the first economic bubbles.
- Some flowers can change color based on soil pH, like hydrangeas.

Interesting Facts About Flower Adaptations

Flowers have evolved unique features to survive and thrive.

Pollination Strategies

- Bright colors and sweet scents attract specific pollinators.
- Some flowers mimic the appearance or scent of female insects to lure male pollinators.

Seed Dispersal

- Wind-dispersed seeds have wings or fluff, like dandelions.
- Animal-dispersed seeds often have tasty fruit around them, like strawberries.
- Water-dispersed seeds can float and travel long distances.

Special Structures

- Some flowers have sticky pollen to attach easily to pollinators.
- Tubular flowers are suited for hummingbirds with long beaks.

How Kids Can Observe Flowers

Encouraging children to explore flowers can enhance their understanding:

- Visit Gardens or Parks: Observe different types of flowers.
- Collect and Identify: Use a flower guidebook or app.
- Draw and Color: Capture the beauty and details.
- Learn Pollinator Roles: Watch bees, butterflies, and birds visiting flowers.
- Grow Your Own: Plant flowers at home or school.

Conclusion: The Amazing World of Flowers

Flowers are more than just pretty sights?they are vital parts of life on Earth. They support ecosystems, provide resources for humans and animals, and inspire countless stories and artworks. By learning the facts about flowers, children can develop a greater appreciation for nature and become future guardians of our planet?s biodiversity.

Flowers Just Facts for Kids English Edition offers a wealth of knowledge, blending scientific facts with engaging trivia. Whether used as a teaching resource or a fun read, understanding flowers enriches our connection with the natural world and encourages curiosity about the many wonders of nature.

QuestionAnswer What is the main purpose of flowers for plants? Flowers help plants reproduce by producing seeds after pollination. Why do some flowers have bright colors? Bright colors attract insects and birds that help pollinate the flowers. Are all flowers the same shape and size? No, flowers come in many different shapes, sizes, and colors depending on the plant species. What part of the flower makes seeds? The ovary of the flower develops into seeds after fertilization. Why do some flowers smell nice? Flowers smell nice to attract pollinators like bees and butterflies to help with pollination. Do flowers only grow outdoors? No, some flowers can grow indoors in pots, like roses and orchids. What is a common flower that is often given as a gift? A rose is a popular flower often given to show love and appreciation. How do flowers help the environment? Flowers support ecosystems by providing food for insects and animals and helping plants reproduce.

Related keywords: flowers, facts, kids, children, English edition, nature, plants, learning, education, botanical

Read the full article online: [flowers just facts for kids english edition](#)