

## THEORETICAL PERSPECTIVES ON THE DEVELOPMENT OF EMPATHY AND PROSOCIAL BEHAVIOUR IN SCHOOL CHILDREN

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### Abstract

*Fostering effective social relationships, teamwork, and general well-being in school children requires empathy and prosocial conduct. This study thoroughly analyzes theoretical viewpoints on how empathy and prosocial behaviour emerge in this community. The study's goals include finding knowledge gaps, combining recent theories, and recommending more research. The introduction emphasizes the value of empathy and prosocial behaviour in promoting positive social interactions, academic performance, and social integration. It is acknowledged that the study issue is to analyze and combine theoretical stances on prosocial behaviour and empathy in kids. The objectives are to fill the information gap and clearly understand their evolution. The article discusses three important theoretical frameworks: the Theory of Mind (ToM), social learning theory, cognitive theory, etc. The section on ToM outlines its key concepts*

*and emphasizes how it influences the development of empathy, especially through perspective-taking abilities. According to the Social Learning Theory, positive reinforcement and observational learning impact the development of empathy. The Empathy-Altruism Hypothesis holds that empathy and prosocial behaviour are complementary. Future research should consider identifying research gaps, suggesting longitudinal studies, looking at mediators and moderators, analyzing cultural and environmental factors, and assessing the effectiveness of interventions. The essay highlights the important implications for instructional strategies and teaching methods while highlighting empathy and prosocial behaviour's role in school children's development. It is crucial for psychologists, counsellors, and educators who try to promote ethical behaviour and create a positive learning environment to understand how prosocial and empathetic behaviours arise.*

**Keywords:** Empathy, Prosocial behaviour, School children, Theoretical perspectives, Theory of Mind, Social Learning Theory

### Introduction

Empathy and prosocial activity greatly aid positive social connections and general well-being. Prosocial conduct includes assisting, sharing, and working with others, whereas empathy refers to the capacity to understand and share the feelings of others. Empathy and prosocial behaviour development are of paramount relevance in the setting of school-aged children (Langobardi et al., 2019). These characteristics assist the development of collaboration, harmonious relationships, and a conducive learning environment in the classroom. Additionally, research reveals that empathy and prosocial conduct among school children positively impact their academic achievement and social integration (Nathania et al., 2019).

The research topic this study attempts to solve is the need to examine and combine current theoretical views on empathy and prosocial conduct in school children. While specific investigations of these constructs have been conducted in the past (Juhl et al., 2020; Woolrych et al., 2020), further study is needed to fully understand their evolution and the theoretical underpinnings. To offer a thorough knowledge of the development of empathy and prosocial

conduct in school children, this research article aims to identify the current research gap, investigate different theoretical approaches, and synthesize the findings.

## **Theoretical Perspectives**

### **Theory of Mind (ToM) and its influence on empathy development**

The Theory of Mind (ToM) focuses on people's capacity to comprehend and extrapolate others' mental states. Recognizing and understanding beliefs, wants, and intentions are necessary. Theory of Mind (ToM) development is essential for the growth of empathy since it enables people to adopt a different viewpoint and comprehend the feelings and experiences of others. ToM is crucial for the development of empathy, especially in school-aged children. Empathetic reactions are directly related to the capacity to adopt other people's views and comprehend their mental states. Children with a growing Theory of Mind can better understand and link to the feelings and experiences of others, which is a key component of empathy (Wang et al., 2022).

Theory of Mind (ToM) encourages perspective-taking by enabling kids to put themselves in other people's shoes and see things from different angles. Children can be more aware of their needs and feelings by taking on other people's perspectives, encouraging sympathetic understanding and reactions. Cognitive perspective-taking also allows people to think about the goals and ideas that drive other people's conduct, strengthening their capacity for empathy.

Numerous research has demonstrated a connection between ToM and children's development of empathy. Numerous methods, including self-report evaluations, observations, and experimental tasks, are used in these investigations. The findings reveal that ToM is crucial for developing empathy (Shoshani et al., 2022; Wang et al., 2022; Lim et al., 2020; Longobardi et al., 2019).

According to an experimental study, children with better-developed ToM skills often express higher levels of empathy and are more sensitive to the needs and feelings of others. For instance, research using tasks that test participants' comprehension of others' incorrect ideas has discovered a link between ToM performance and sympathetic reactions. Children with more advanced ToM abilities better understand other people's mental states, which results in more precise empathic assessments (Shoshani et al., 2022). ToM is made up of numerous important parts. While wishes pertain to people's goals and preferences, beliefs are how people see the world in their minds. Intentions include the intended acts or objectives of an individual. To understand the complexity of human behaviour and be able to empathize with others, one requires a firm understanding of these ideas. Studies conducted over an extended period have shown how ToM impacts empathy development. They have demonstrated a long-term association between these dimensions, linking advances in ToM skills to greater empathy (Kuhnert et al., 2017; Prot et al., 2014).

### **Social Learning Theory and its relationship with empathy development**

The Social Learning Theory strongly emphasizes the role of social modelling and observational learning in influencing behaviour. People learn new behaviours, such as sympathetic reactions, by seeing and imitating others. Promoting prosocial conduct involves positive reinforcement and role modelling. This viewpoint investigates how school children develop empathy through watching and copying the prosocial conduct of their peers, parents, and instructors (Lv et al., 2021; Lai et al., 2016).

### **Piaget's Theory of Moral Development**

The theory of moral development put forward by Piaget sheds light on the mental operations that underlie the growth of prosocial conduct. According to Piaget, as children develop intellectually, they move through many phases of moral thinking. Piaget suggested that moral development occurs in two primary phases. The first stage, commonly seen in young children, is heteronomous morality. At this point, moral decisions are relied on outside authority, and norms are viewed as immutable. The second stage, which appears in older kids, is the development of independent morality. At this point, moral decisions are founded on internalized norms and values that consider intentions and circumstances (Hammand, 2014).

Piaget thought that cognitive growth is critical to moral reasoning and prosocial action. Children become better at analysing the intents and motivations underlying acts as they advance through the stages of moral development. Children's cognitive development makes it possible for them to comprehend and absorb moral principles, which promotes the growth of prosocial conduct.

### **Kohlberg's Stages of Moral Development**

Expanding on Piaget's ideas, Kohlberg developed a hierarchical structure for moral development that built on cognitive development. Following Kohlberg, moral thinking develops in six phases as a person matures and becomes more complex. There are three levels in Kohlberg's phases of moral development: pre-conventional, conventional, and post-conventional. Self-interest and external incentives or penalties are prioritized at the pre-conventional level. Adherence to societal norms and laws is required at the traditional level. The post-conventional level is characterized by an individual moral code based on general ethical standards (Shek, 2022).

According to Kohlberg, perspective-taking and moral reasoning are critical for the growth of prosocial conduct. As people advance through the phases, their capacity to contemplate other people's viewpoints grows, enabling them to think about how their actions could affect others. People develop more complex moral thinking when considering the notions of justice, fairness, and reciprocal connections, which are essential for exhibiting prosocial conduct.

### **Influence of Cognitive Development on Prosocial Behaviour**

Cognitive processes, including moral judgment, empathy, and reasoning, influence prosocial conduct. Cognitive processes significantly influence prosocial conduct. People can assess the ethical ramifications of their choices and make judgments that consider other people's well-being using moral reasoning (Paciello et al., 2013). People are motivated to act in a helpful and caring way when they have empathy since it makes it simpler to understand others' needs and feelings. People use moral judgment to discern good and evil and guide prosocial behaviour.

Their moral growth influences individuals' justice, reciprocity, and collaboration concepts. People are more able to understand notions of fairness, sustain reciprocal connections, and engage in cooperative activities as cognitive development and moral reasoning grow. These factors are essential for encouraging prosocial conduct.

The cognitive-developmental approach provides a thorough knowledge of the cognitive processes involved in the growth of prosocial conduct. The phases of moral thinking are highlighted by Piaget's theory, which emphasizes the importance of cognitive growth in comprehending moral principles and exhibiting prosocial conduct. In addition to Piaget's work, Kohlberg's phases of moral development emphasize perspective-taking and moral reasoning as

crucial elements in forming prosocial conduct. Together, these viewpoints give insight into the relationship between cognitive development and the emergence of prosocial conduct, such as the comprehension of justice, reciprocity, and collaboration.

### **Interaction between Empathy and Prosocial Behaviour**

There is a reciprocal association between prosocial activity and empathy. Empathy might encourage prosocial conduct because it enables people to comprehend and share the feelings of others (Lv et al., 2021). People who exhibit empathy for others are more likely to offer assistance, consolation, or support to people who are in need. On the other hand, having moral character could make you more sympathetic. Helping and caring behaviours promote empathy and prosocial behaviour by fostering the growth and reinforcement of empathetic emotions.

Prosocial behaviour and empathetic reactions support one another. People who practice prosocial activity experience pleasant emotions and a sense of fulfilment from their actions, heightening their propensity for empathy (Telle & Pfister, 2016). These empathetic responses subsequently motivate people to perform further altruistic acts. This mutually beneficial interaction establishes a positive feedback loop that encourages prosocial and empathic conduct.

### **Mediating Factors Influencing the Relationship**

Several mediating elements affect the link between empathy and prosocial conduct. Perspective-taking skills, moral reasoning, and moral judgment are cognitive characteristics that contribute to prosocial conduct and empathic understanding. Emotional elements, such as remorse and pity, which are moral feelings connected to empathy, can influence the association by inspiring prosocial behaviour. Additionally, the chance that sympathetic reactions will translate into prosocial conduct is influenced by contextual elements such as social norms, situational cues, and perceived incentives or costs (Graaff et al., 2018).

Moral feelings associated with empathy are essential in driving prosocial conduct. Guilt that results from sympathetic anguish after seeing someone in need might lead people to take comfort in doing good deeds. Sympathy, a sentiment of care and compassion for others, can spur prosocial action by encouraging people to lend a hand and offer encouragement. As internal motivators, these moral feelings encourage prosocial behaviours in line with empathic concerns.

### **Empirical Studies Exploring the Interaction between Empathy and Prosocial Behaviour**

Numerous empirical research has investigated the relationship between prosocial conduct and empathy in school-aged children (Cho, 2023; Shashani et al., 2022; Barón et al., 2018; Graaff et al., 2018). Numerous approaches, including surveys, experimental plans, and observations, are used in these investigations. They investigate the relationship between alterations in empathic reactions and alterations in prosocial behaviour throughout time. Insightful longitudinal research has shown how prosocial conduct and empathy grow, emphasizing the mutual connection between the two domains.

Numerous variables have been found in the research to either weaken or increase the link between prosocial conduct and empathy. For instance, individual variations in moral reasoning and perspective-taking skills affect how sympathetic emotions translate into prosocial behaviour (Graaff et al., 2018). Additionally, contextual elements, including social norms, perceived costs and rewards, and the presence of onlookers, might affect whether empathic reactions result in prosocial conduct. Studies have also examined how socialization techniques, cultural norms, and

peer and parental influences affect the link between empathy and prosocial behaviour (Longobardi et al., 2019; Lai et al., 2015).

This empirical research highlights the dynamic interplay between empathy and prosocial conduct. They present proof of a two-way link between these conceptions and shed light on the environmental, cognitive, and emotional elements that affect this relationship. It is essential to comprehend how empathy and prosocial behavior interact to create successful treatments and encourage prosocial conduct in school children.

## **Implications and Applications**

### **Educational Interventions to Promote Empathy and Prosocial Behaviour**

Different intervention strategies have been created to encourage prosocial and empathetic conduct in educational environments. Structured activities, role-playing exercises, and cooperative games are frequently included in these programs to improve perspective-taking, emotional understanding, and sympathetic reactions. Discussions on moral principles and ethical decision-making may also be included. These treatments allow kids to practice prosocial and empathic skills in a safe and supervised setting.

Empathy and prosocial conduct may be encouraged by including empathy education in the curriculum and classroom procedures. This may be accomplished by adding texts from literature, social sciences, and real-world situations emphasising empathy. Additionally, encouraging cooperative learning, class debates, and service-learning initiatives can motivate students to practice prosocial behaviour and build empathy. Teachers can explicitly teach empathy-related ideas and skills while also modelling empathy-related behaviour.

### **School-Based Programs and Curricula for Fostering Empathy**

Numerous schools have put in place extensive programs and curricula that place a strong emphasis on empathy and prosocial conduct. Teachers, administrators, and parents are frequently involved in these efforts, which span many school levels. They could include courses, activities, and community service initiatives specifically fostering inclusiveness, compassion, and empathy. These initiatives seek to provide a nurturing and caring educational environment by developing an empathy-based culture.

Using cooperative learning strategies, such as peer-assisted learning and cooperative group activities, allows pupils to practice empathy and be kind to others. These techniques enhance constructive social interactions by promoting collaboration, teamwork, and perspective-taking (Lv et al., 2021). Peer mediation training programs provide students with the tools to resolve problems peacefully, increasing empathy and prosocial conduct. These programs offer children the tools to participate fully in a caring and respectful educational environment.

### **Role of Teachers and Educators in Facilitating Empathy Development**

Two of the most crucial tasks that instructors perform are fostering empathy and encouraging behaviour that benefits others. Warm and encouraging interactions between teachers and kids enable a sense of belonging, trust, and emotional security, all of which enhance the growth of prosocial behaviour and empathy in pupils (Pang et al., 2022). Teachers may demonstrate empathy in their relationships with children by paying close attention to what the students are saying, providing emotional support, and setting a good example for the pupils. It is good for a

child's social and emotional development and their ability to behave responsibly to instill empathy, compassion, and respect in the classroom.

Teachers can improve their empathy capacity and support sympathetic teaching strategies by participating in professional development and training opportunities. They may acquire the knowledge and skills necessary to effectively cultivate empathy in their classrooms by participating in workshops and reading materials on emotional intelligence, perspective-taking, active listening, and concepts associated with empathy. The schoolteachers may assist further in establishing compassionate learning environments by encouraging students to engage in self-reflection, activities that increase empathy, and collaborative work with classmates. They may motivate and guide students to develop empathy and engage in prosocial behaviour by displaying empathy and using empathetic teaching strategies. Students can also be encouraged to develop empathy by teachers who demonstrate empathy.

### **Role of Psychologists and Counsellors in Developing Empathy and Prosocial Behaviour in School Children**

Psychologists and counsellors can use the theoretical perspectives offered in this article as a guide to choosing the best evaluation and treatment approaches. They may create evaluations measuring empathy and prosocial behaviour in school-aged children by knowing the developmental stages and factors contributing to these traits. This information might also be utilized to help build intervention programs that are evidence-based and aimed at improving prosocial behaviour and empathy in kids who might not already exhibit them.

The study emphasizes the importance of environmental, cognitive, and emotional elements in prosocial behaviour and empathy growth. When dealing with children, psychologists and counsellors can employ specialized skill-building activities to help children develop empathy-related abilities such as understanding another person's point of view, recognizing emotions, and moral reasoning. These are only a handful of the potential skill sets. By offering young people the chance to practice these abilities, psychologists and counsellors can promote the growth of empathy and prosocial conduct in them.

Psychologists and counselors must comprehend the connection between empathy, prosocial behaviour, and social and emotional growth. These insights can be a compass for their attempts to promote children's healthy social and emotional development. Psychologists and counsellors may assist kids in developing prosocial traits like empathy and prosocial behaviour, which will help them form positive relationships, successfully navigate social situations, and retain emotional control.

Any anti-bullying method employed in a school context must include empathy and good social skills (Moreno-Bataller et al., 2019). The results of this study may enable psychologists and counsellors to design and execute programs that promote empathy and prosocial behaviour to decrease bullying incidents and foster a welcoming and inclusive learning environment for all kids.

Teachers who want guidance and support in developing empathy and altruistic behaviours in their pupils might work with psychologists and counsellors. Psychologists and counsellors may help teachers better understand how empathy develops and provide useful classroom tools to encourage empathy and prosocial behaviour in children by distributing the knowledge and techniques acquired from this study. Additionally, they may give the instructors classroom

strategies to promote empathy and prosocial behaviour in kids by helping teachers understand how empathy develops.

### **Conclusion**

This study examined many theoretical stances on how empathy and prosocial conduct develop in school-aged youngsters. We discussed how empathy and prosocial conduct are crucial for fostering amiable relationships, cooperative behaviour, academic success, and social integration. The three primary theoretical stances investigated were the Theory of Mind (ToM), Social Learning Theory, and the Empathy-Altruism Hypothesis. We have learned a lot from the examined theoretical frameworks throughout our debate. The relevance of perspective-taking and cognitive knowledge of others' mental states in promoting empathy development has been highlighted by the Theory of Mind (ToM). According to the Social Learning Theory, the development of empathy is shaped through modelling, positive reinforcement, and observational learning. The growth and well-being of school children depend on their ability to empathize and act prosocially. The theoretical stances covered in this article are very helpful in understanding the underlying mechanisms and processes. These theoretical ideas have important practical ramifications and are used for teacher interventions in the classroom and other educational settings. Schools may foster nurturing environments that promote students' social-emotional development and promote a healthy atmosphere by encouraging empathy and prosocial conduct. It is crucial to expand our understanding through more study and cooperation. We could better understand empathy and prosocial behaviour and improve our ability to encourage it in educational settings by filling in research gaps, doing longitudinal studies, and looking at various factors that affect these behaviours. We urge scholars, educators, and other interested parties to collaborate to promote empathy and prosocial conduct in young people, resulting in a more compassionate and peaceful society.

### **Implications for Future Research**

This study examined how school children learn empathy and prosocial behaviour from several theoretical viewpoints. Although many research gaps remain, it detailed the selected theoretical frameworks and their contributions to empathy and prosocial behaviour. This research did not fully examine the cognitive, affective, and neurological factors that impact children's prosocial and empathetic conduct as previous ones. To understand empathy and prosocial behaviour, further study is needed on the processes and neural correlates involved. The study briefly mentioned cultural and environmental variables' effects on pupils' prosocial and empathetic conduct. Future research must examine cultural variety across several situations to further understand how cultural values, social norms, and other contextual variables affect empathy and prosocial behaviour.

Longitudinal research on prosocial and empathetic behaviour was stressed in the study. It didn't give examples or explore the difficulties of longitudinal studies in this field. A longitudinal study is needed to understand how empathy and prosocial conduct change and uncover the factors affecting these behaviours. Although the research quickly suggested that the intervention programs and tactics increased prosocial and empathetic behaviour, they were not properly analyzed. Interventions' long-term consequences on children's prosocial and empathetic conduct must be extensively examined. Studying the efficacy of educational programs and interventions might be

valuable. This study did not extensively examine empathy, prosocial behaviour, self-control, moral judgment, social competency, and peer connections. To better understand developmental processes, explore the complex interactions between these elements and how they impact empathy and prosocial behaviour in school-aged children. This study will examine how school children acquire empathy and prosocial behaviour.

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